

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072580.D
 Acq On : 20 May 2022 17:03
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 21 01:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	198089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	292814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	272477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	131122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	147492	47.922	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.022	113	98414	49.812	ug/l	0.01
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.620%
50) Toluene-d8	10.439	98	376421	50.334	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.727	95	137550	48.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	101642	44.823	ug/l	99
3) Chloromethane	2.298	50	86843	42.362	ug/l	97
4) Vinyl Chloride	2.446	62	88885	53.125	ug/l	96
5) Bromomethane	2.828	94	64514	41.080	ug/l	99
6) Chloroethane	3.004	64	56949	40.591	ug/l	97
7) Trichlorofluoromethane	3.369	101	189316	49.022	ug/l	99
8) Diethyl Ether	3.822	74	55716	48.583	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	88531	48.146	ug/l	96
10) Methyl Iodide	4.422	142	120817	51.438	ug/l #	83
11) Tert butyl alcohol	5.363	59	85332	303.087	ug/l	98
12) 1,1-Dichloroethene	4.181	96	77780	48.117	ug/l	85
13) Acrolein	4.040	56	90056	230.524	ug/l	93
14) Allyl chloride	4.834	41	136635	49.694	ug/l	88
15) Acrylonitrile	5.545	53	239582	220.355	ug/l	98
16) Acetone	4.281	43	216591	232.159	ug/l	90
17) Carbon Disulfide	4.534	76	194808	46.537	ug/l	99
18) Methyl Acetate	4.851	43	109735	42.471	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	343472	51.453	ug/l	94
20) Methylene Chloride	5.092	84	97086	43.832	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	87902	48.524	ug/l	96
22) Diisopropyl ether	6.492	45	297421	49.125	ug/l	97
23) Vinyl Acetate	6.428	43	1305047	249.312	ug/l	97
24) 1,1-Dichloroethane	6.381	63	178534	48.486	ug/l	98
25) 2-Butanone	7.328	43	323236	220.350	ug/l	95
26) 2,2-Dichloropropane	7.322	77	176141	51.567	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	107272	48.085	ug/l	93
28) Bromochloromethane	7.657	49	67757	45.016	ug/l	99
29) Tetrahydrofuran	7.680	42	210869	237.538	ug/l	96
30) Chloroform	7.810	83	202958	48.162	ug/l	99
31) Cyclohexane	8.092	56	154248	45.089	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	198207	50.972	ug/l	98
36) 1,1-Dichloropropene	8.216	75	141940	52.772	ug/l	97
37) Ethyl Acetate	7.404	43	144266	48.809	ug/l	96
38) Carbon Tetrachloride	8.204	117	175302	52.657	ug/l	98
39) Methylcyclohexane	9.457	83	159976	50.962	ug/l	96
40) Benzene	8.457	78	390317	49.663	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	76544	53.983	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	182078	49.926	ug/l	94
43) Isopropyl Acetate	8.557	43	229625	48.310	ug/l	97
44) Trichloroethene	9.210	130	108007	50.550	ug/l	98
45) 1,2-Dichloropropane	9.486	63	95935	49.657	ug/l	97
46) Dibromomethane	9.574	93	74598	51.076	ug/l	96
47) Bromodichloromethane	9.757	83	165018	54.214	ug/l	98
48) Methyl methacrylate	9.557	41	112353	49.644	ug/l	89
49) 1,4-Dioxane	9.563	88	36139	1834.227	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	692706	220.861	ug/l	95
52) Toluene	10.504	92	261672	51.350	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	171454	52.458	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	173617	53.805	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	102572	46.316	ug/l	98
56) Ethyl methacrylate	10.757	69	160433	48.378	ug/l	89
57) 1,3-Dichloropropane	11.039	76	180691	48.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	200168	247.231	ug/l	99
59) 2-Hexanone	11.080	43	487272	223.520	ug/l	93
60) Dibromochloromethane	11.233	129	129372	51.127	ug/l	99
61) 1,2-Dibromoethane	11.339	107	109890	47.848	ug/l	100
64) Tetrachloroethene	10.974	164	101551	53.706	ug/l	97
65) Chlorobenzene	11.768	112	278135	49.815	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	117505	52.411	ug/l	96
67) Ethyl Benzene	11.839	91	519959	53.800	ug/l	98
68) m/p-Xylenes	11.951	106	394583	106.049	ug/l	90
69) o-Xylene	12.274	106	193744	51.115	ug/l	90
70) Styrene	12.292	104	320086	54.849	ug/l	95
71) Bromoform	12.457	173	93950	54.453	ug/l #	99
73) Isopropylbenzene	12.574	105	531599	49.037	ug/l	98
74) N-amyl acetate	12.386	43	160329	44.400	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	146509	44.613	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	194434	49.087	ug/l	53
77) Bromobenzene	12.857	156	122603	44.151	ug/l	100
78) n-propylbenzene	12.915	91	586337	49.454	ug/l	99
79) 2-Chlorotoluene	13.004	91	367891	46.319	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	457801	48.694	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	45211	47.584	ug/l	86
82) 4-Chlorotoluene	13.098	91	359603	48.604	ug/l	97
83) tert-Butylbenzene	13.315	119	406255	50.876	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	445398	49.389	ug/l	95
85) sec-Butylbenzene	13.498	105	543742	52.434	ug/l	99
86) p-Isopropyltoluene	13.609	119	461891	54.161	ug/l	95
87) 1,3-Dichlorobenzene	13.609	146	223926	49.231	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	219179	49.542	ug/l	96
89) n-Butylbenzene	13.939	91	342570	53.066	ug/l	98
90) Hexachloroethane	14.204	117	76677	50.255	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	216599	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	32854	47.286	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	105568	52.960	ug/l	98
94) Hexachlorobutadiene	15.362	225	61667	49.258	ug/l	98
95) Naphthalene	15.503	128	277751	48.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	102207	49.711	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

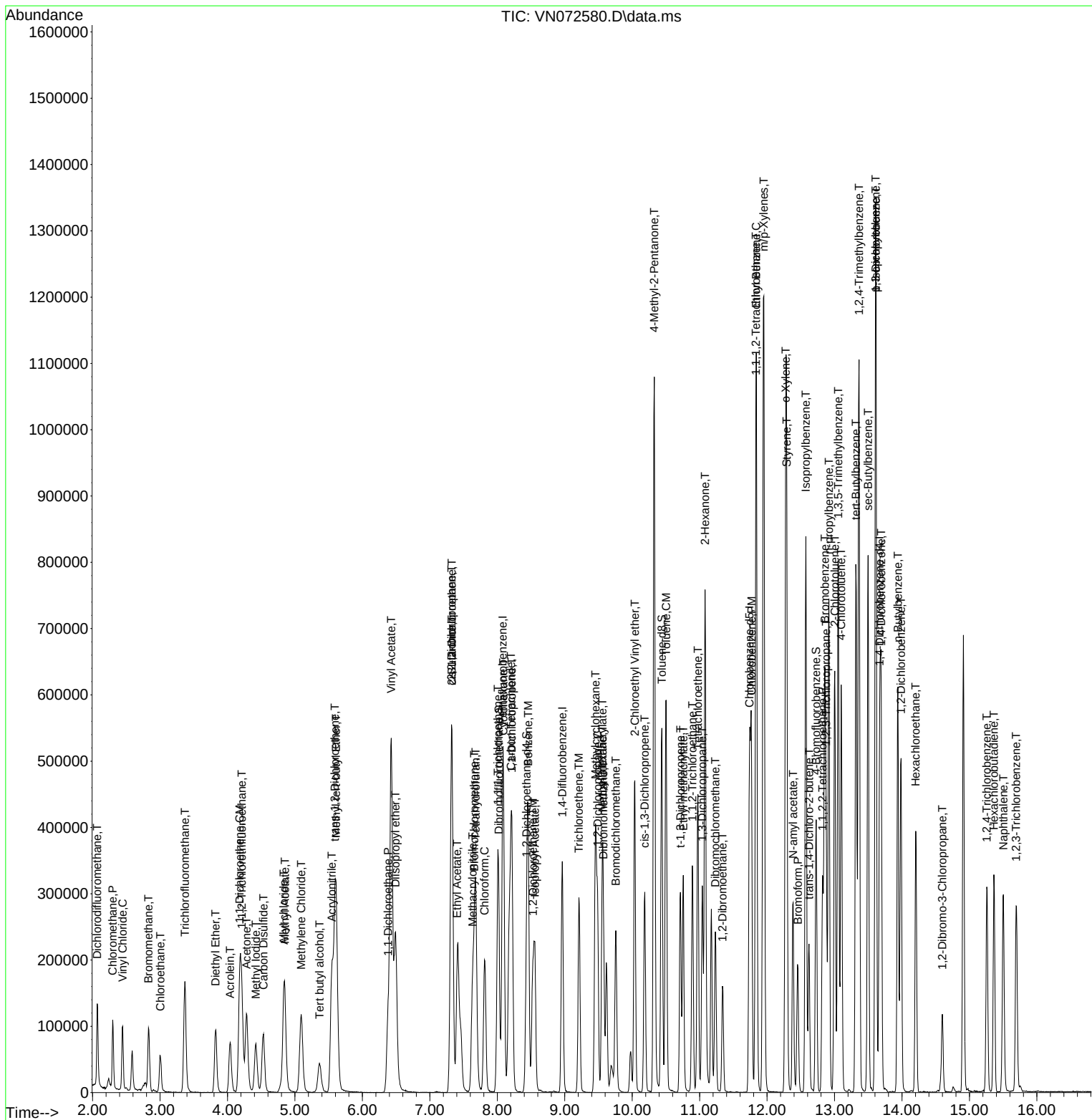
Quant Time: May 21 01:33:56 2022
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Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

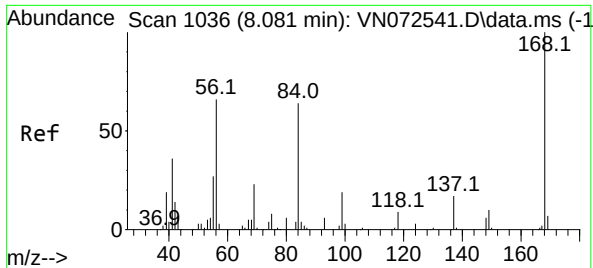
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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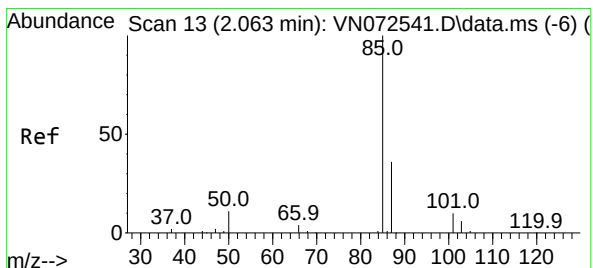
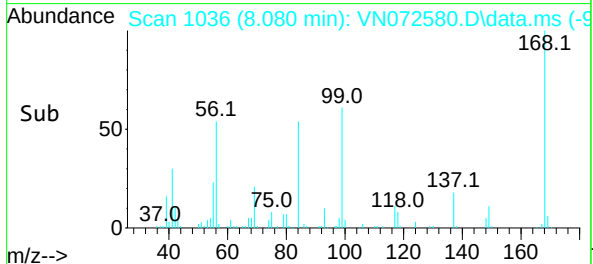
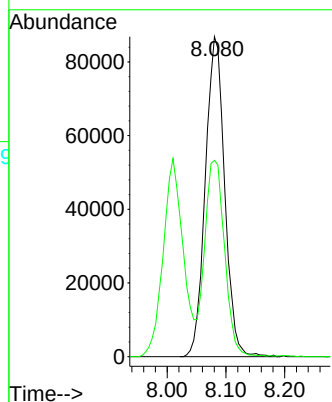
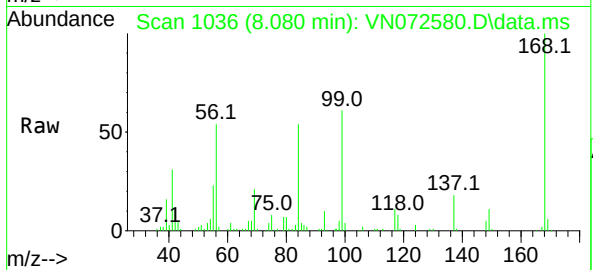




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
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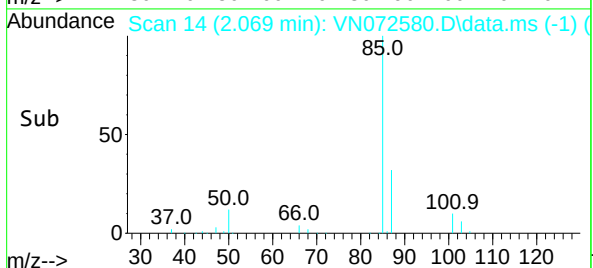
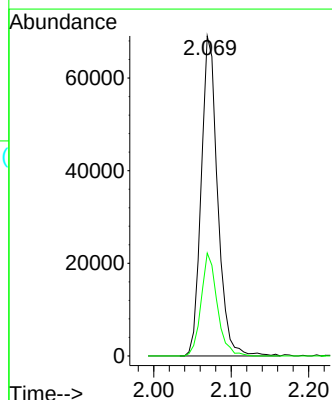
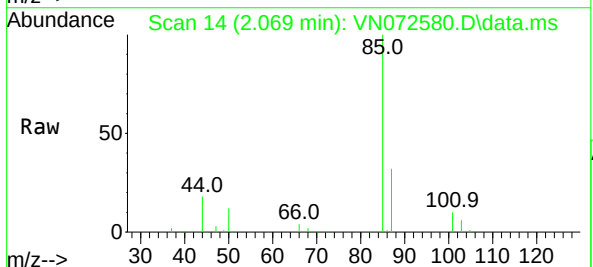
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

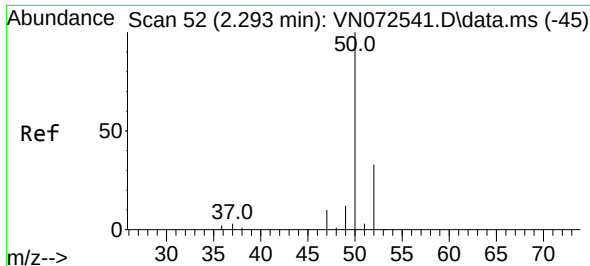
Tgt Ion:168 Resp: 198089
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 44.823 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 85 Resp: 101642
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1

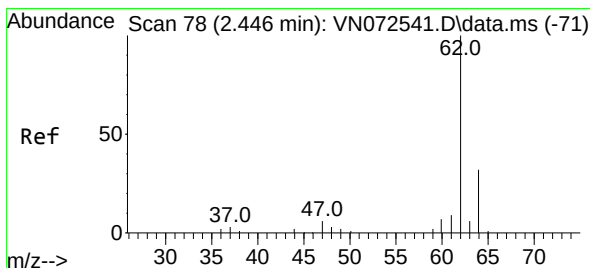
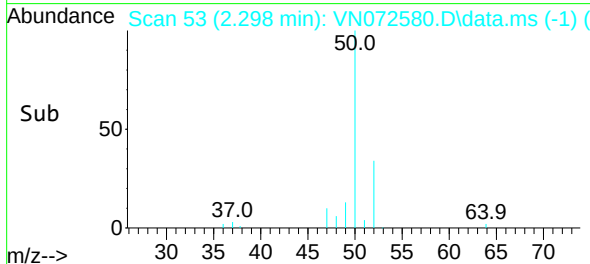
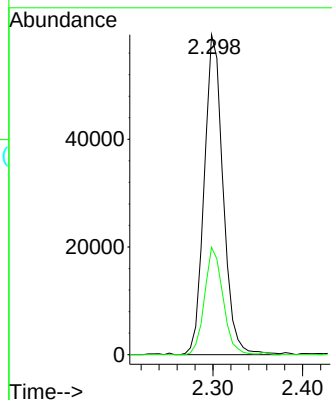
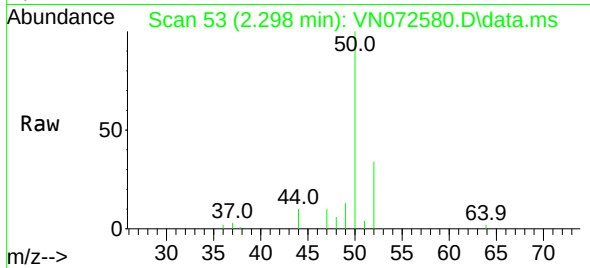




#3
Chloromethane
Concen: 42.362 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

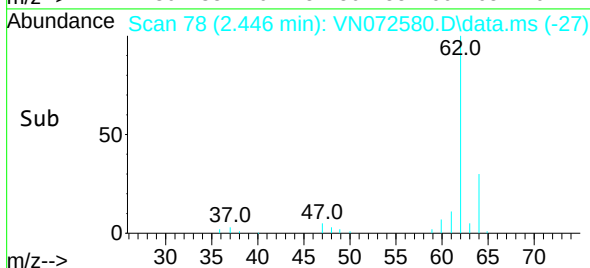
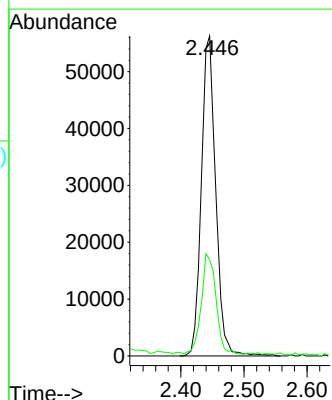
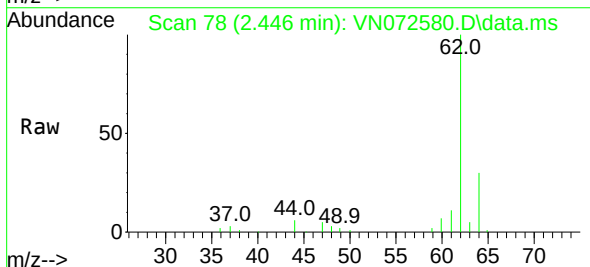
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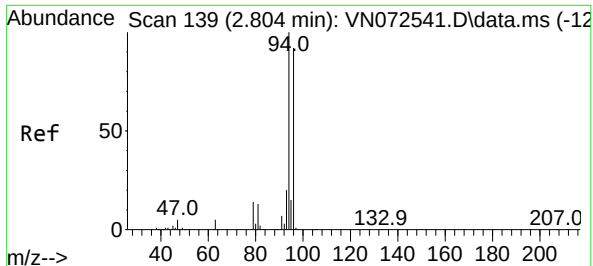
Tgt Ion: 50 Resp: 86843
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5



#4
Vinyl Chloride
Concen: 53.125 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 62 Resp: 88885
Ion Ratio Lower Upper
62 100
64 29.1 25.0 37.4

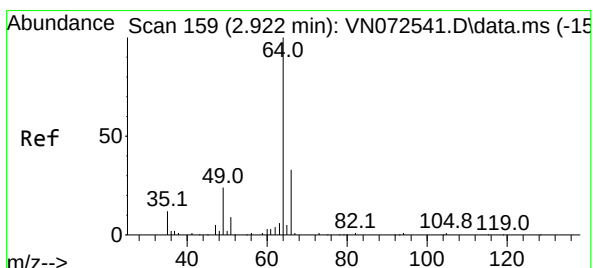
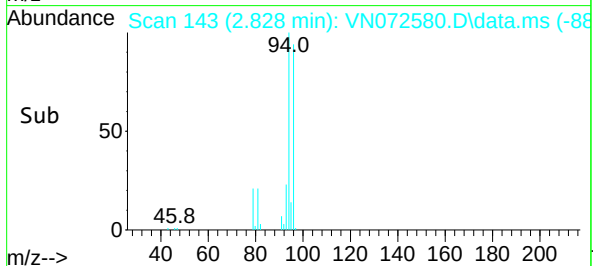
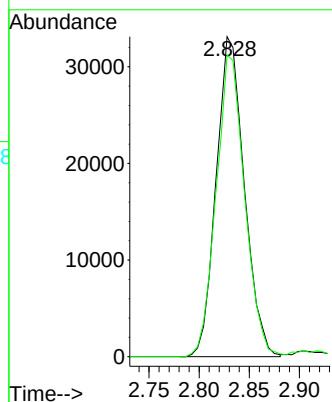
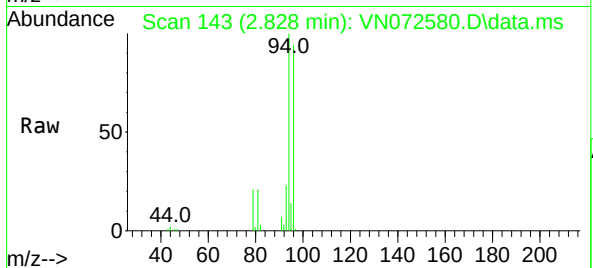




#5
Bromomethane
Concen: 41.080 ug/l
RT: 2.828 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

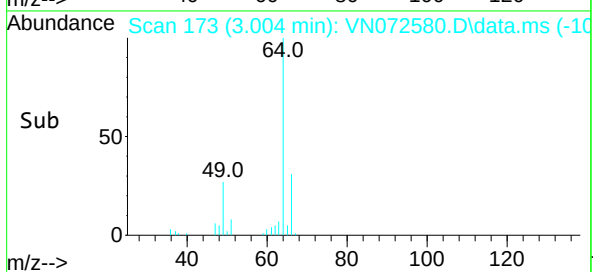
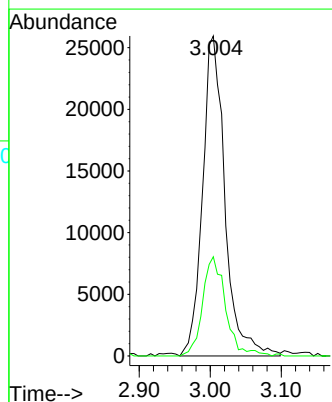
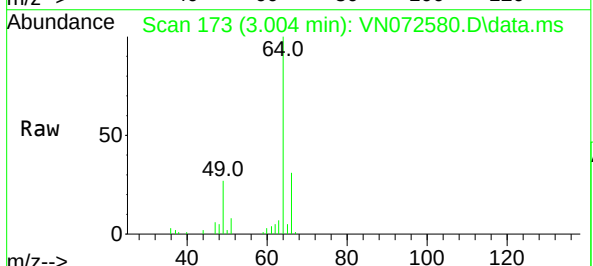
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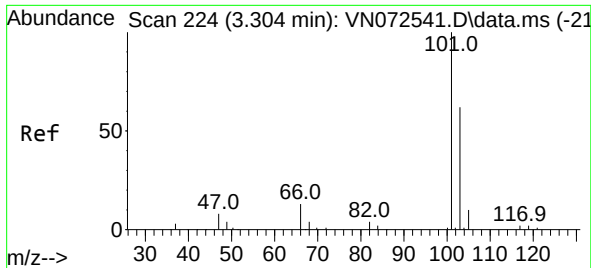
Tgt Ion: 94 Resp: 64514
Ion Ratio Lower Upper
94 100
96 94.3 76.0 114.0



#6
Chloroethane
Concen: 40.591 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.082 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 64 Resp: 56949
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4

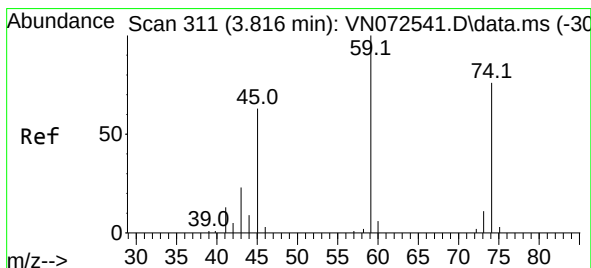
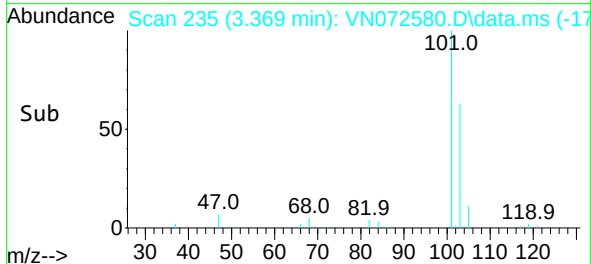
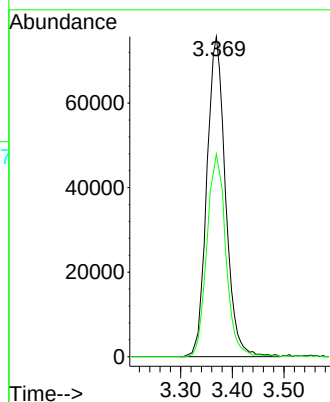
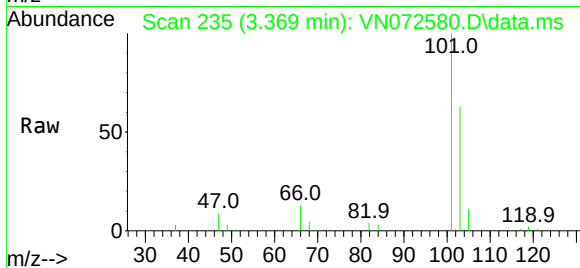




#7
Trichlorofluoromethane
Concen: 49.022 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.065 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

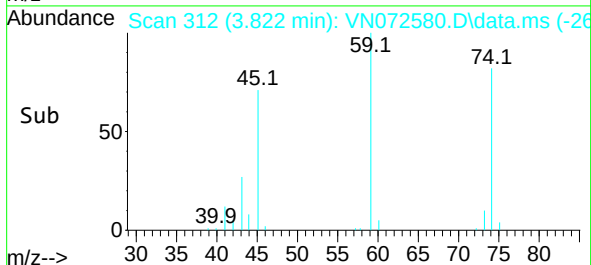
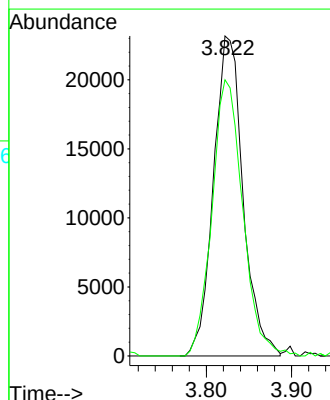
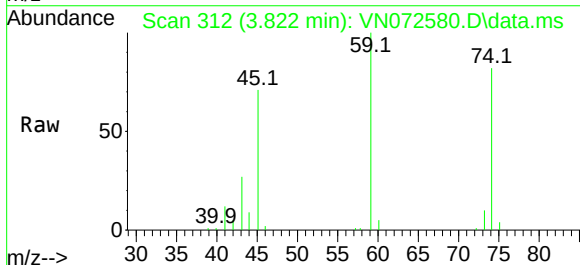
Instrument :
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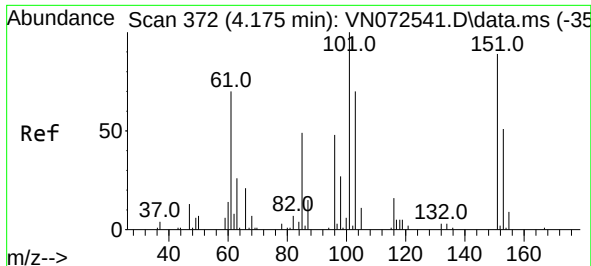
Tgt Ion:101 Resp: 189316
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3



#8
Diethyl Ether
Concen: 48.583 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 74 Resp: 55716
Ion Ratio Lower Upper
74 100
45 90.2 42.9 128.5

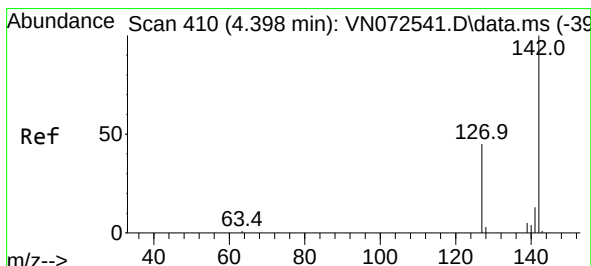
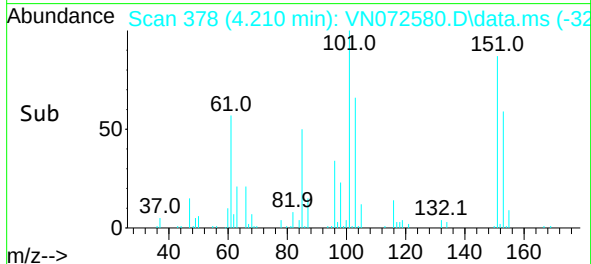
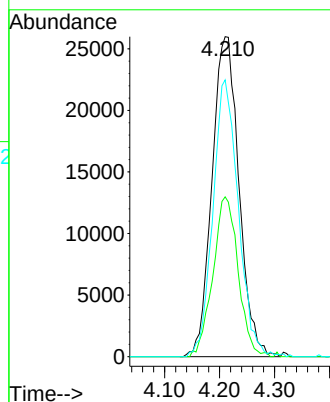
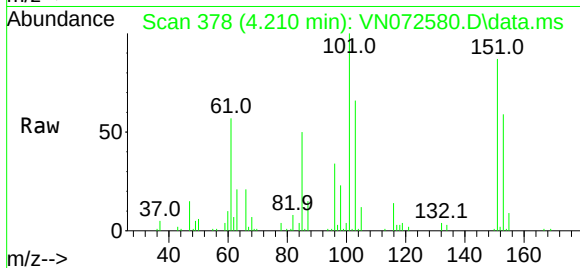




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.146 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.035 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

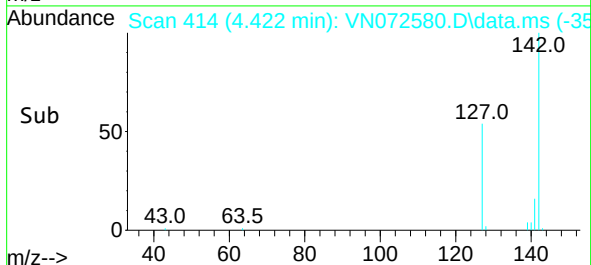
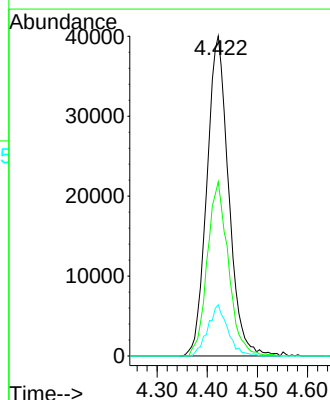
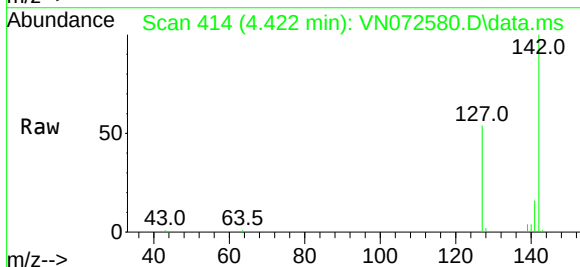
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

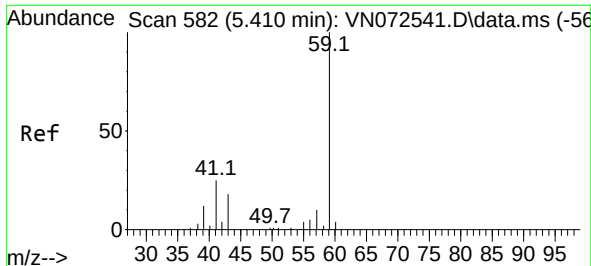
Tgt Ion:101 Resp: 88531
Ion Ratio Lower Upper
101 100
85 46.7 34.7 52.1
151 81.7 63.0 94.4



#10
Methyl Iodide
Concen: 51.438 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.024 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:142 Resp: 120817
Ion Ratio Lower Upper
142 100
127 52.7 31.3 46.9#
141 14.7 11.2 16.8

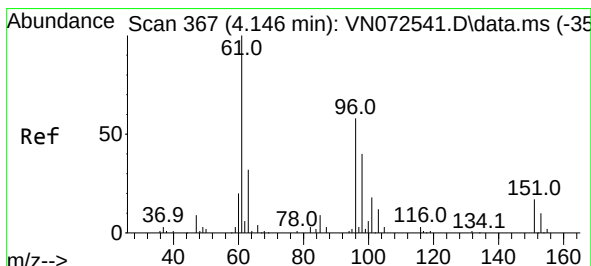
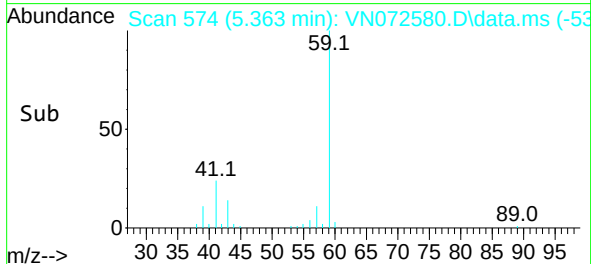
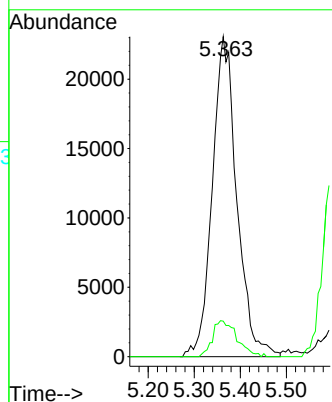
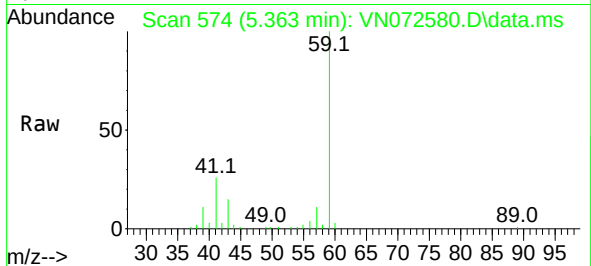




#11
Tert butyl alcohol
Concen: 303.087 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.047 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

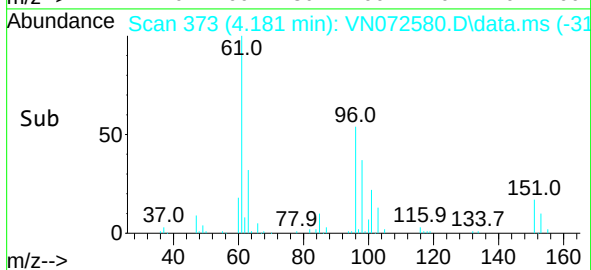
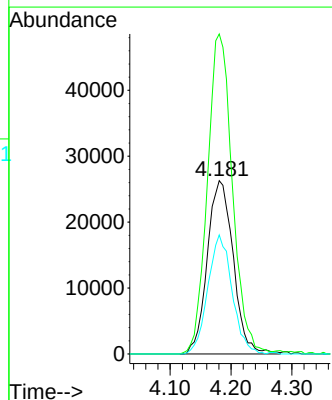
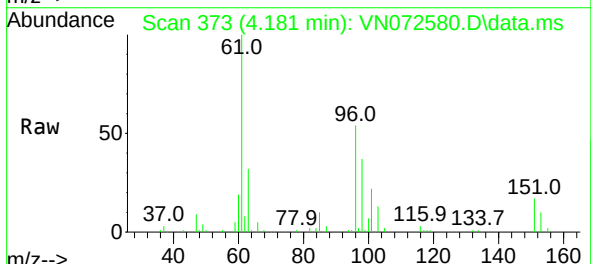
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

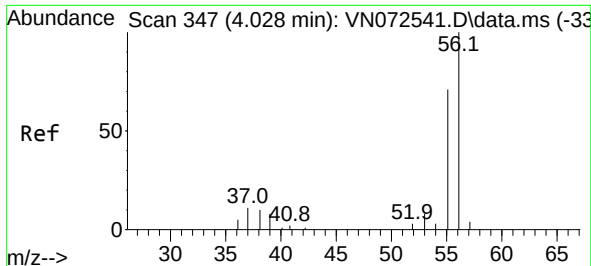
Tgt Ion: 59 Resp: 85332
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.117 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.035 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 96 Resp: 77780
Ion Ratio Lower Upper
96 100
61 184.6 127.6 191.4
98 68.7 51.2 76.8





#13

Acrolein

Concen: 230.524 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.012 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

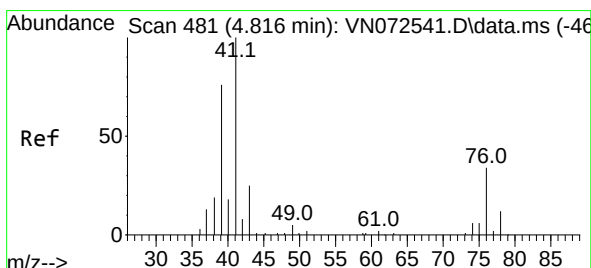
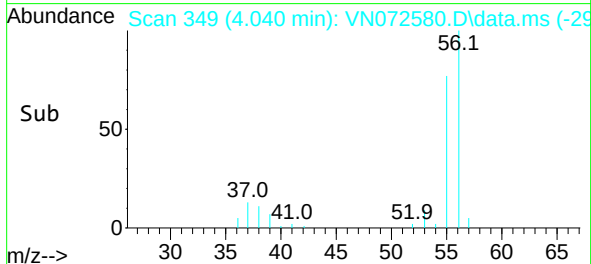
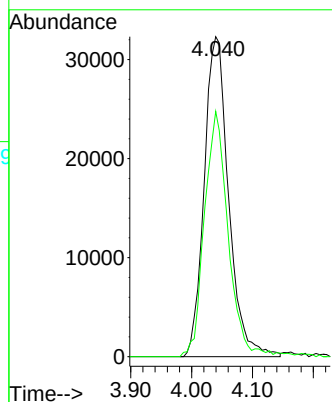
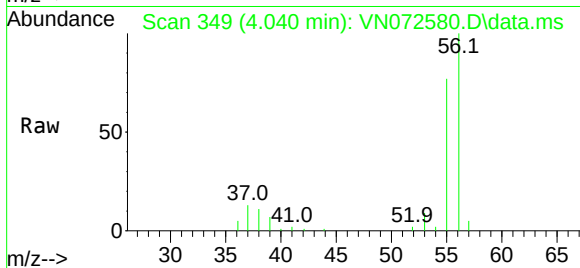
VSTDCCC050EC

Tgt Ion: 56 Resp: 90056

Ion Ratio Lower Upper

56 100

55 74.4 54.8 82.2



#14

Allyl chloride

Concen: 49.694 ug/l

RT: 4.834 min Scan# 484

Delta R.T. 0.018 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

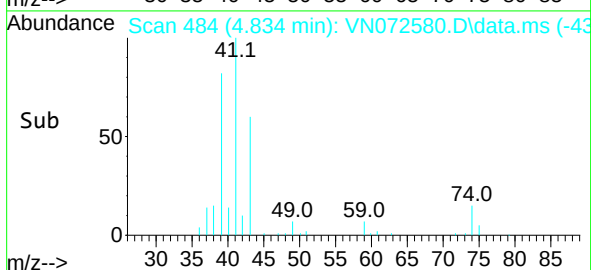
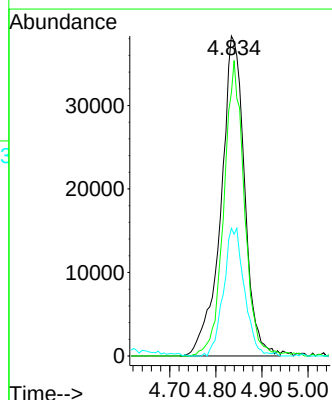
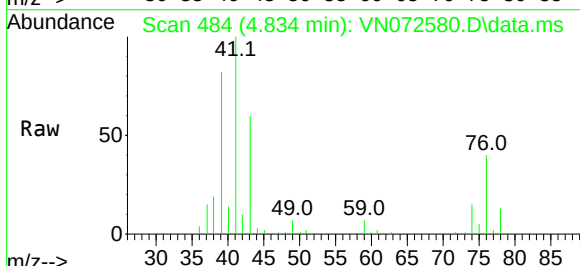
Tgt Ion: 41 Resp: 136635

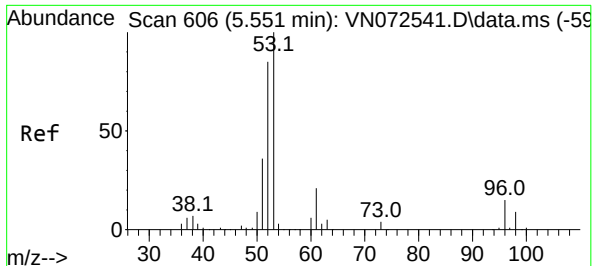
Ion Ratio Lower Upper

41 100

39 79.6 53.2 79.8

76 35.4 29.9 44.9

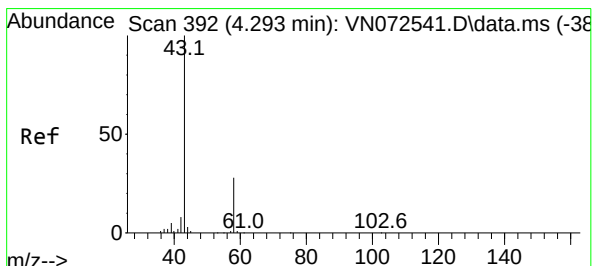
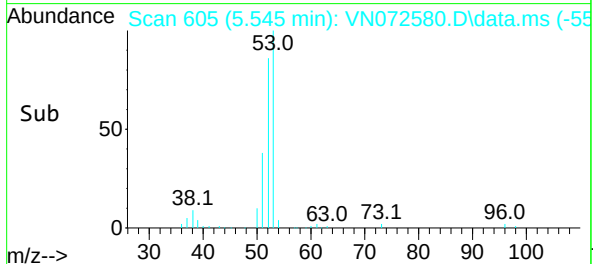
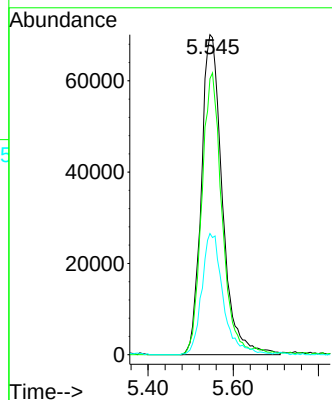
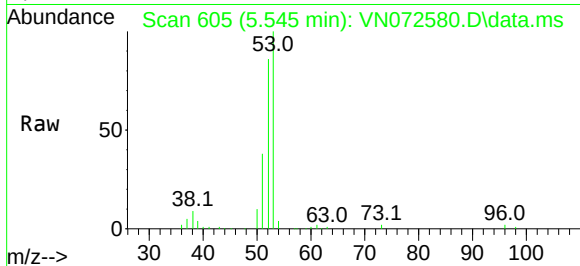




#15
Acrylonitrile
Concen: 220.355 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

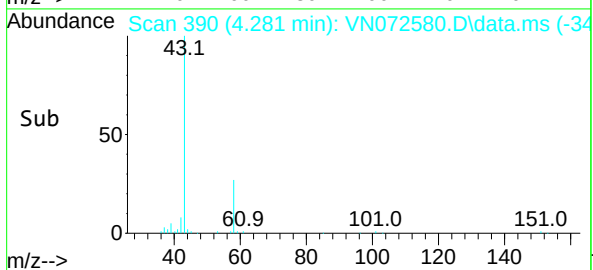
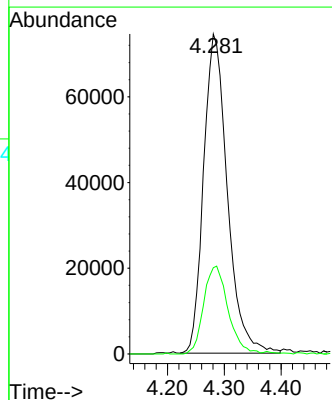
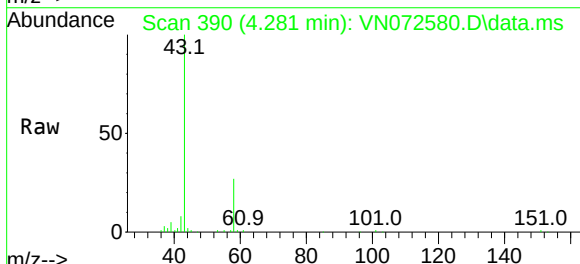
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

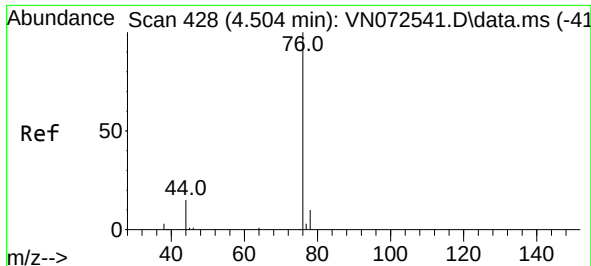
Tgt Ion: 53 Resp: 239582
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 38.6 28.5 42.7



#16
Acetone
Concen: 232.159 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 43 Resp: 216591
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0





#17

Carbon Disulfide

Concen: 46.537 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.030 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

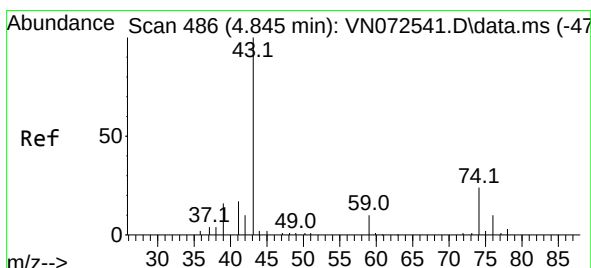
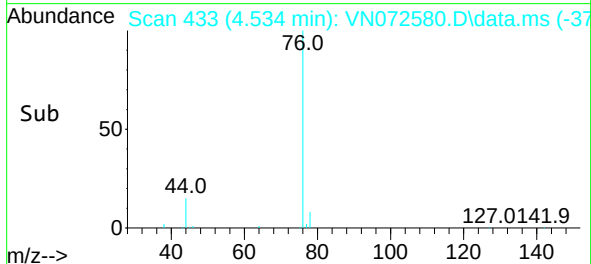
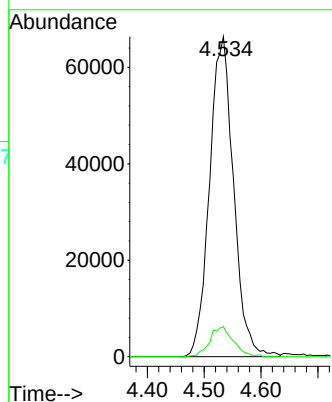
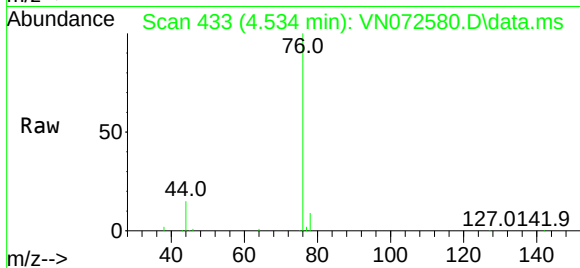
VSTDCCC050EC

Tgt Ion: 76 Resp: 194808

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



#18

Methyl Acetate

Concen: 42.471 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN072580.D

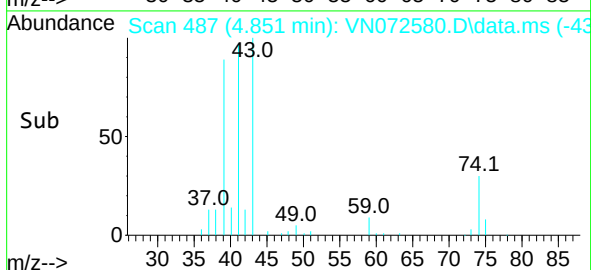
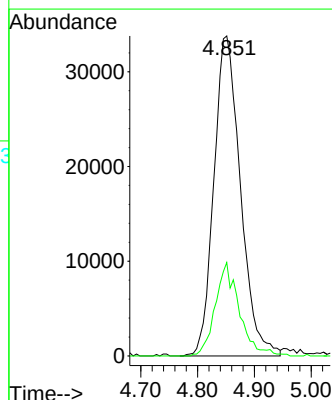
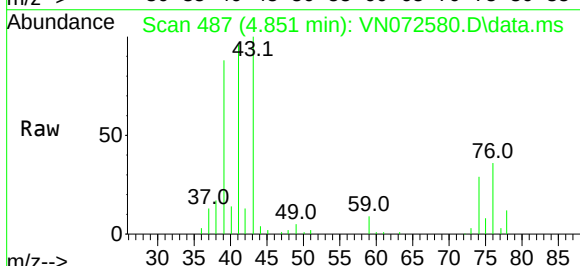
Acq: 20 May 2022 17:03

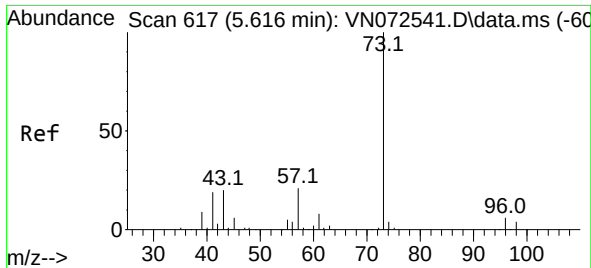
Tgt Ion: 43 Resp: 109735

Ion Ratio Lower Upper

43 100

74 26.5 21.6 32.4

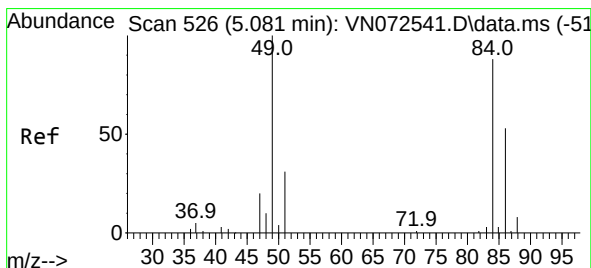
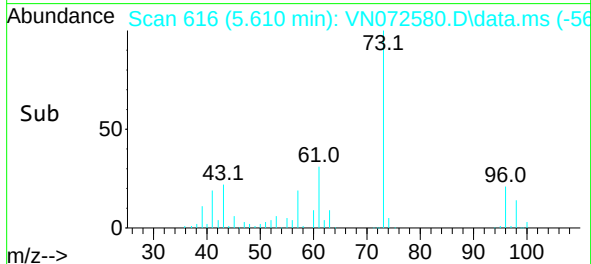
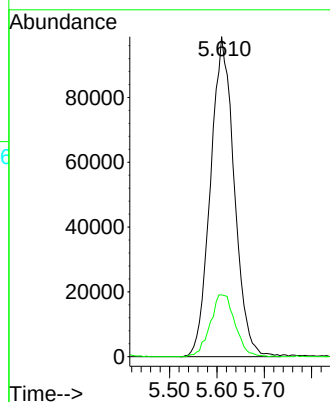
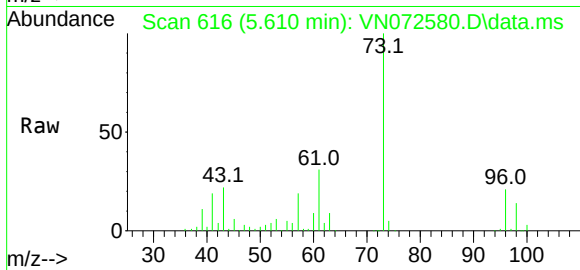




#19
Methyl tert-butyl Ether
Concen: 51.453 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

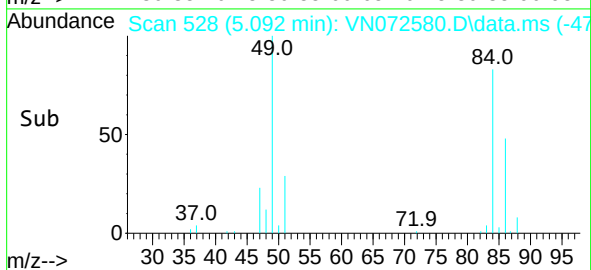
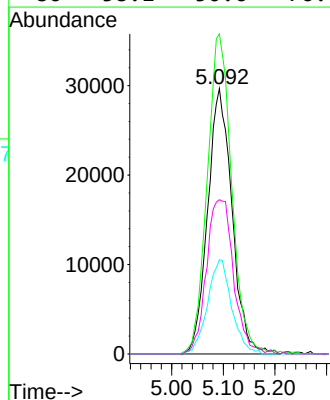
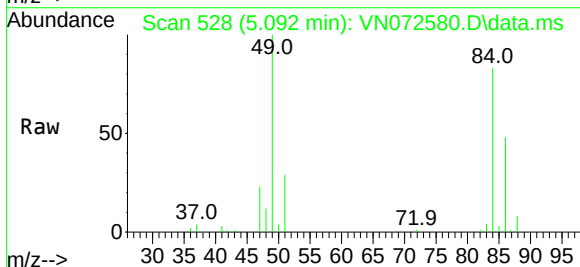
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

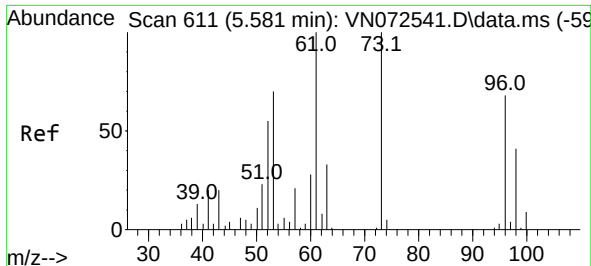
Tgt Ion: 73 Resp: 343472
Ion Ratio Lower Upper
73 100
57 19.3 17.6 26.4



#20
Methylene Chloride
Concen: 43.832 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.011 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 84 Resp: 97086
Ion Ratio Lower Upper
84 100
49 120.6 88.3 132.5
51 35.5 28.2 42.2
86 58.1 50.6 76.0

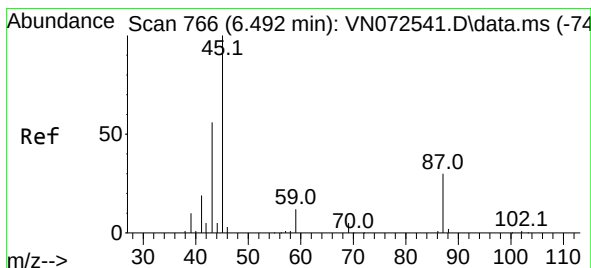
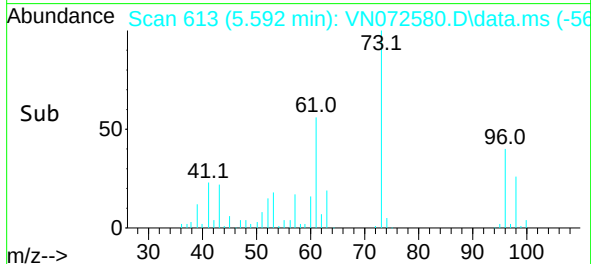
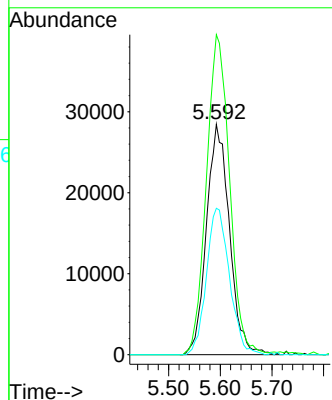
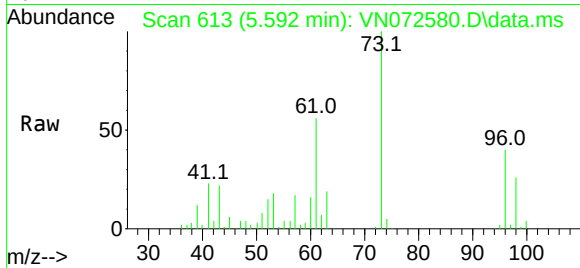




#21
trans-1,2-Dichloroethene
Concen: 48.524 ug/l
RT: 5.592 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

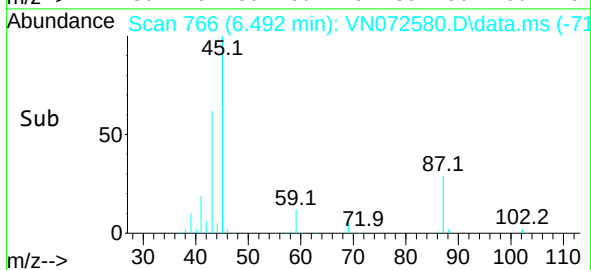
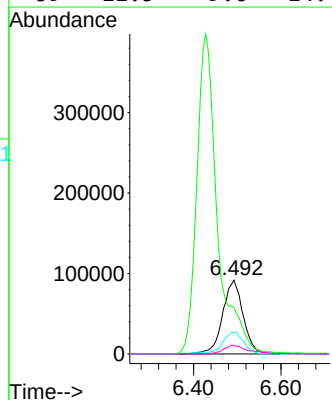
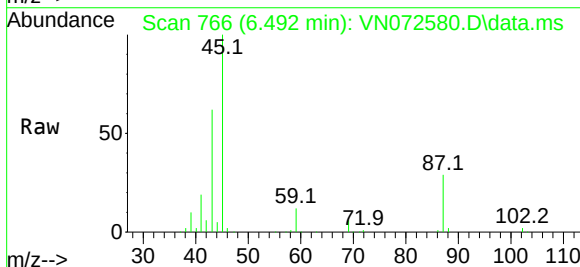
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

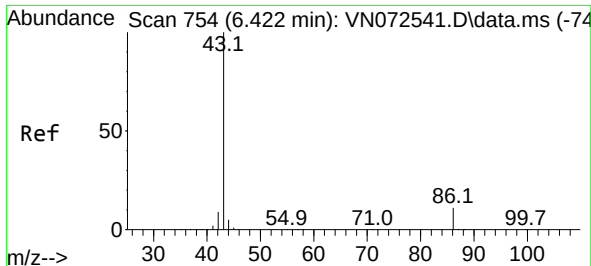
Tgt Ion: 96 Resp: 87902
Ion Ratio Lower Upper
96 100
61 138.8 105.8 158.8
98 63.5 50.3 75.5



#22
Diisopropyl ether
Concen: 49.125 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 45 Resp: 297421
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 28.7 24.3 36.5
59 11.5 9.6 14.4

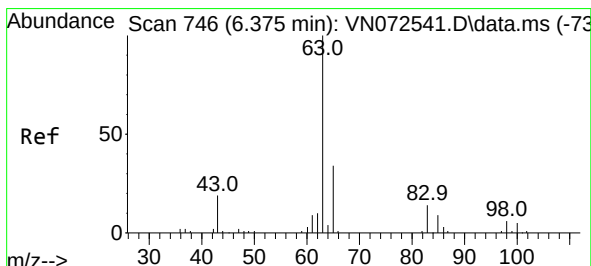
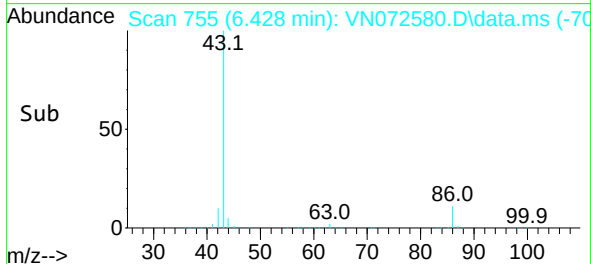
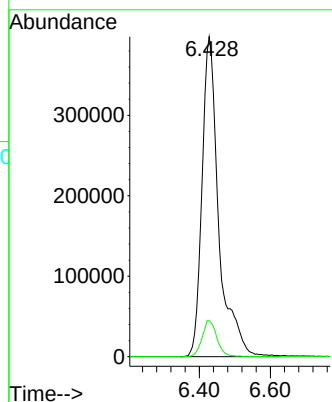
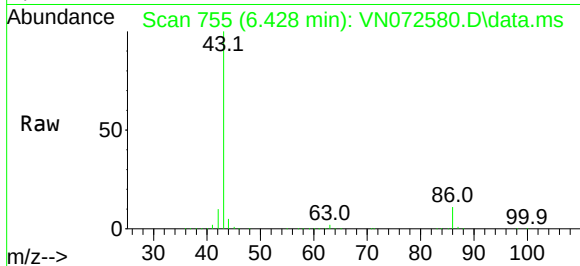




#23
 Vinyl Acetate
 Concen: 249.312 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.006 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

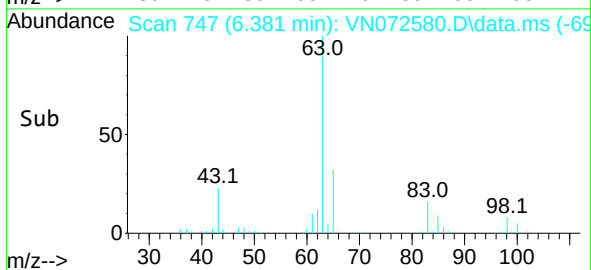
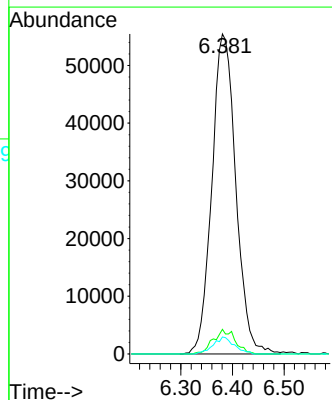
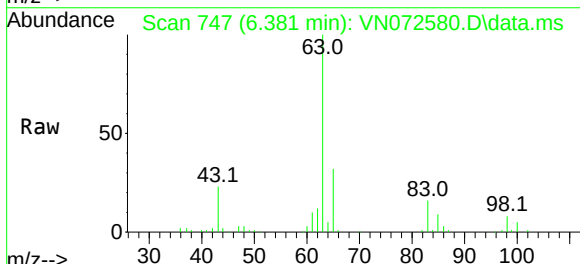
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

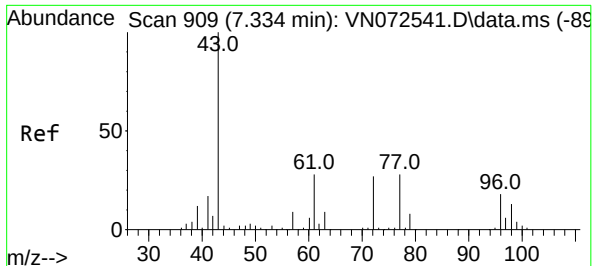
Tgt Ion: 43 Resp: 1305047
 Ion Ratio Lower Upper
 43 100
 86 11.3 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 48.486 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

Tgt Ion: 63 Resp: 178534
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.3 2.3 6.8

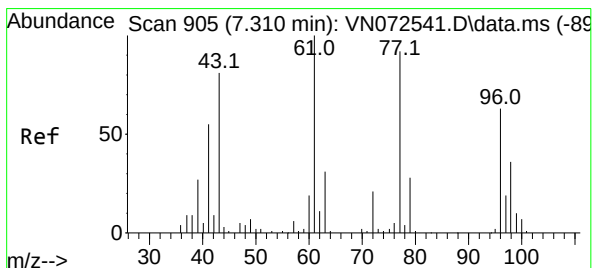
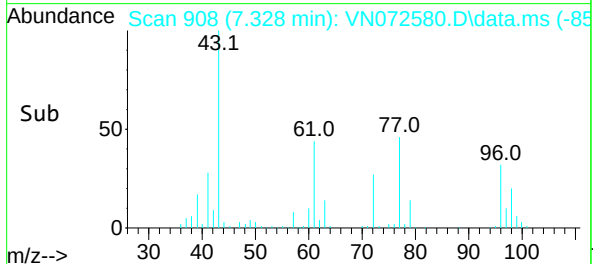
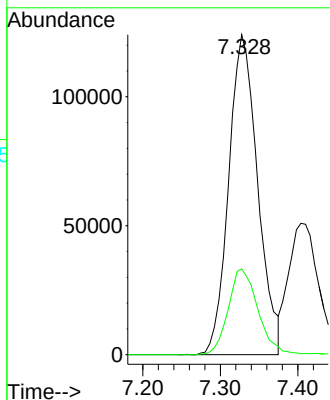
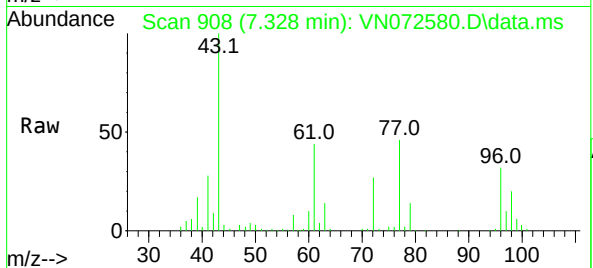




#25
2-Butanone
Concen: 220.350 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

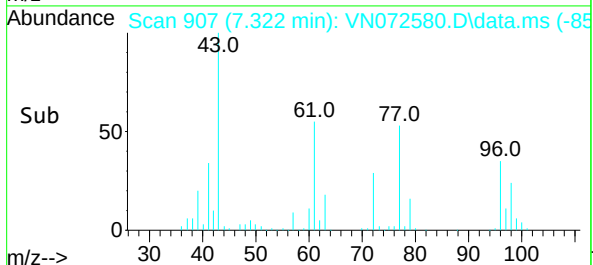
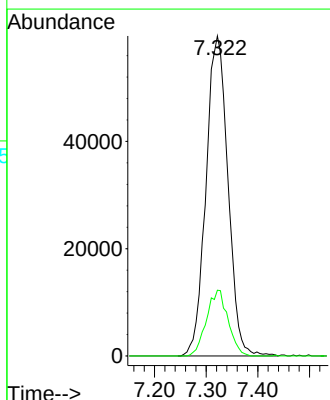
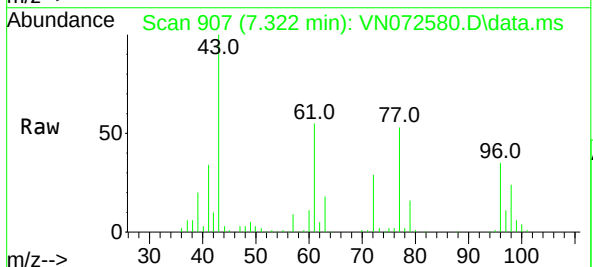
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

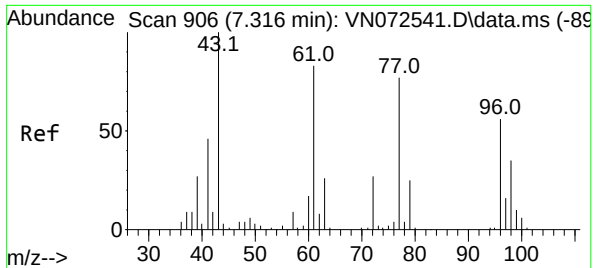
Tgt Ion: 43 Resp: 323236
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 51.567 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.012 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 77 Resp: 176141
Ion Ratio Lower Upper
77 100
97 20.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.085 ug/l

RT: 7.328 min Scan# 906

Delta R.T. 0.012 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

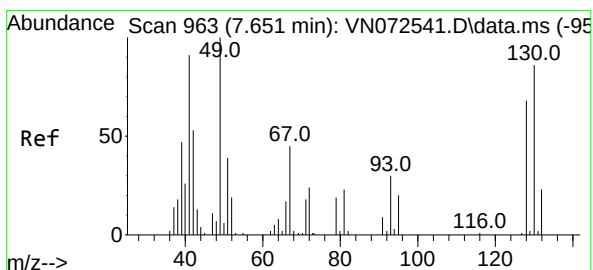
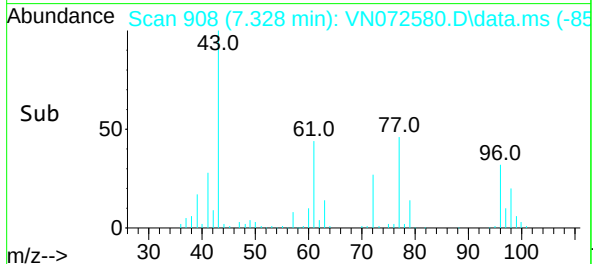
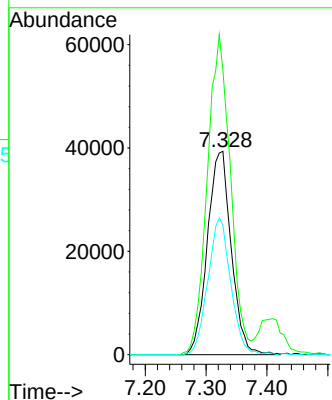
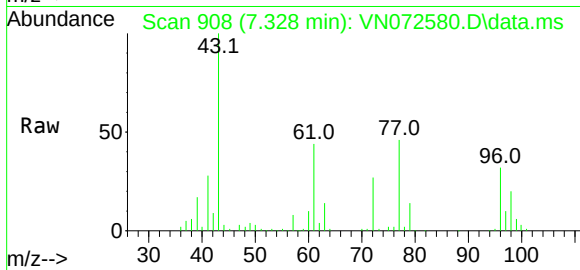
Tgt Ion: 96 Resp: 107272

Ion Ratio Lower Upper

96 100

61 152.5 0.0 280.6

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 45.016 ug/l

RT: 7.657 min Scan# 964

Delta R.T. 0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

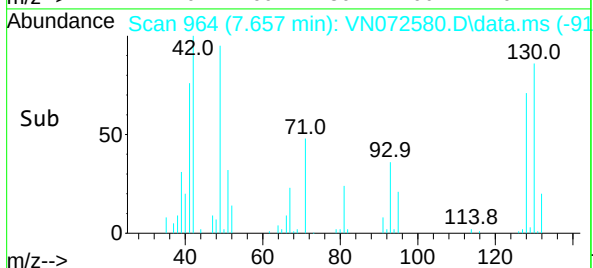
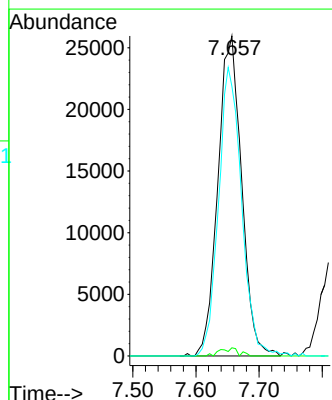
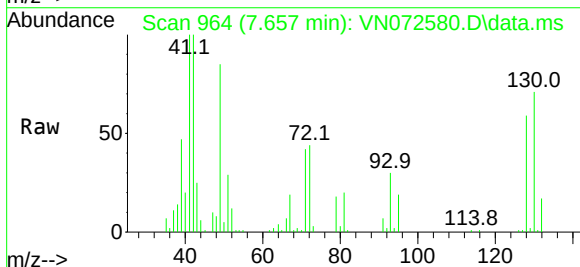
Tgt Ion: 49 Resp: 67757

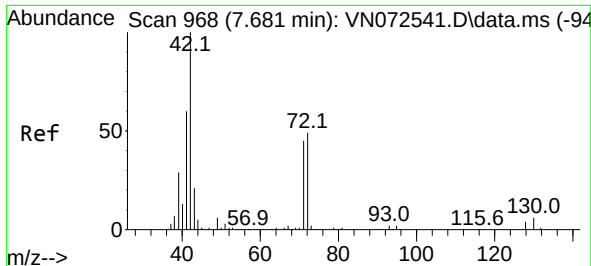
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 87.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 237.538 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.001 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

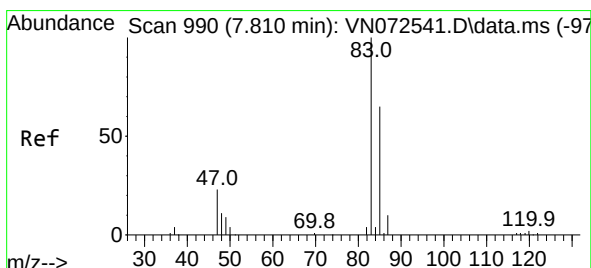
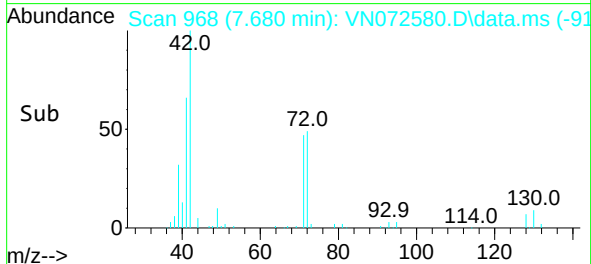
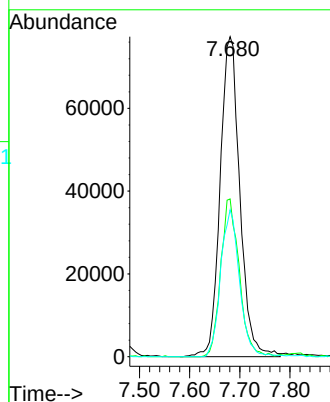
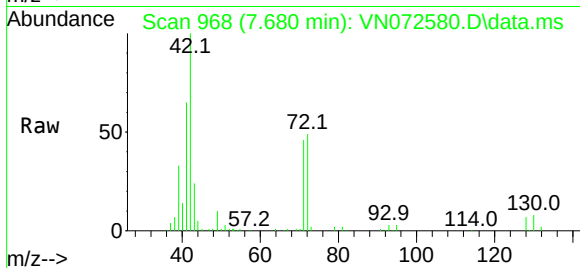
Tgt Ion: 42 Resp: 210869

Ion Ratio Lower Upper

42 100

72 46.5 39.7 59.5

71 44.0 36.6 55.0



#30

Chloroform

Concen: 48.162 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072580.D

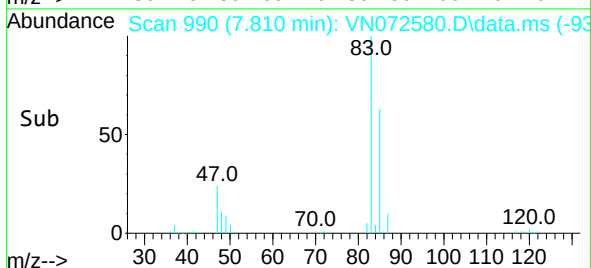
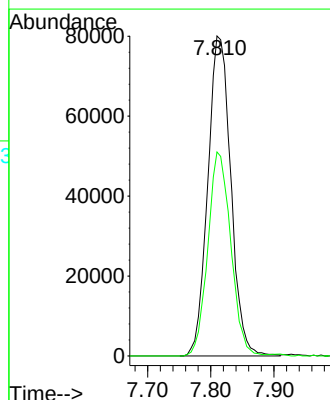
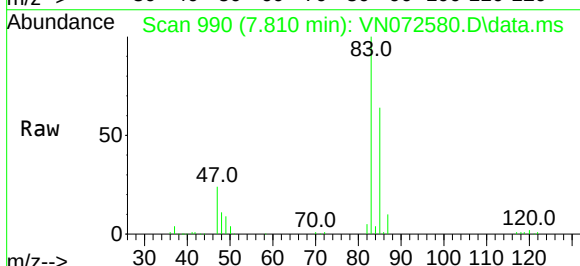
Acq: 20 May 2022 17:03

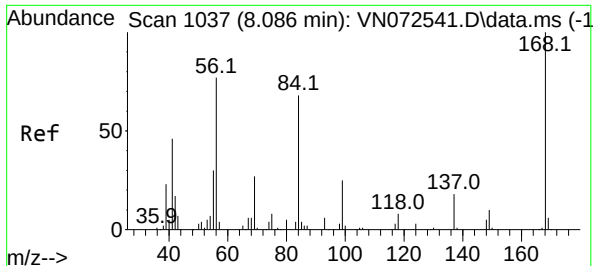
Tgt Ion: 83 Resp: 202958

Ion Ratio Lower Upper

83 100

85 63.7 51.8 77.8





#31

Cyclohexane

Concen: 45.089 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

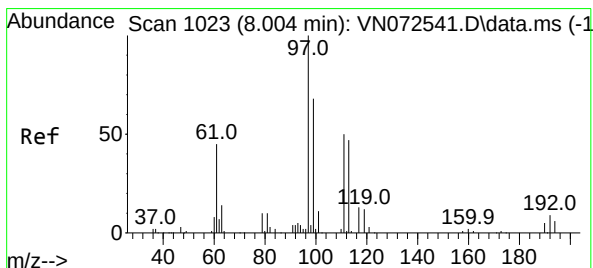
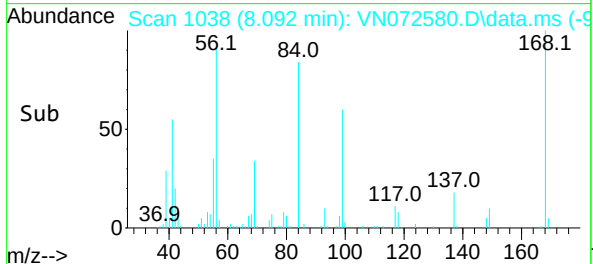
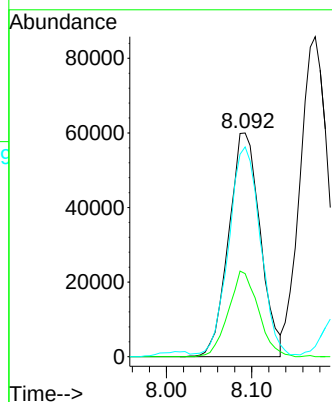
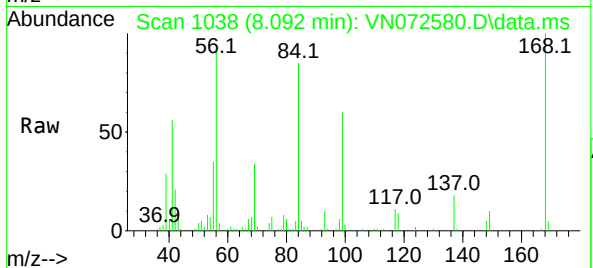
Tgt Ion: 56 Resp: 154248

Ion Ratio Lower Upper

56 100

69 37.1 27.8 41.8

84 91.7 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 50.972 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

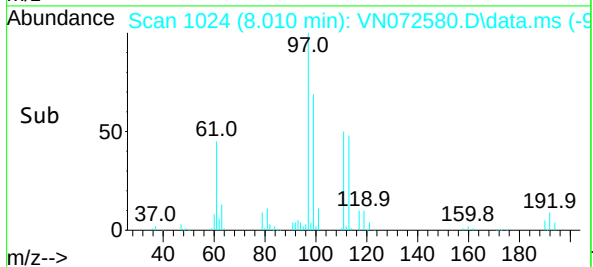
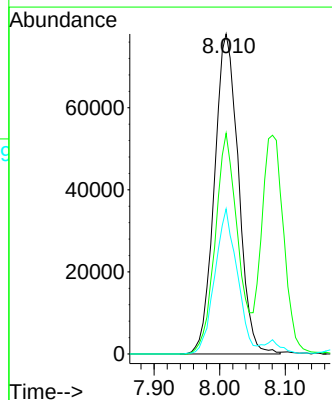
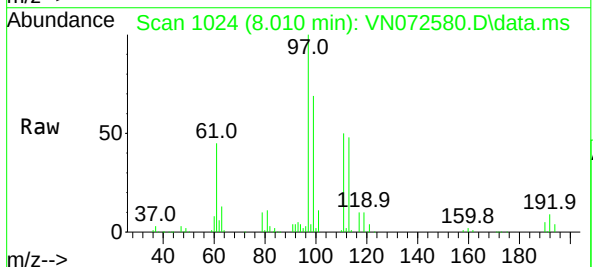
Tgt Ion: 97 Resp: 198207

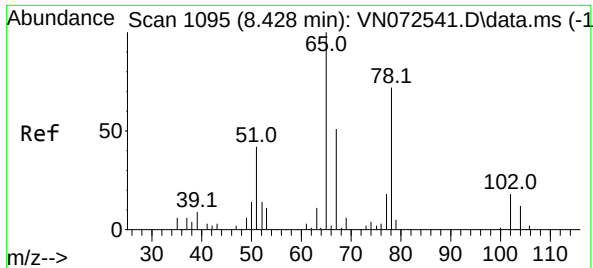
Ion Ratio Lower Upper

97 100

99 63.8 50.6 76.0

61 42.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 47.922 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

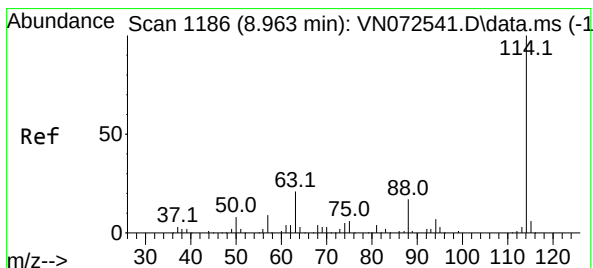
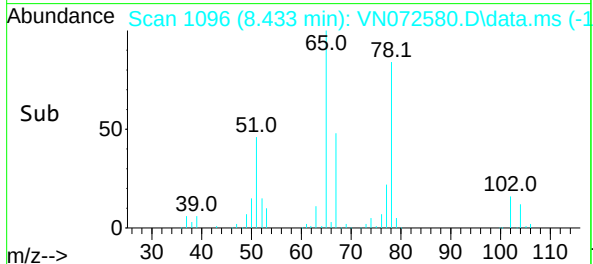
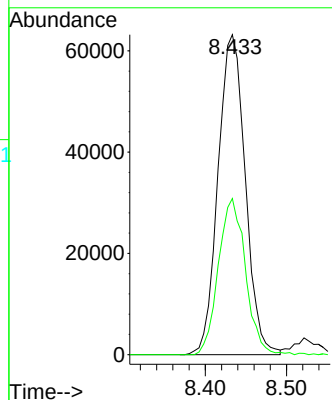
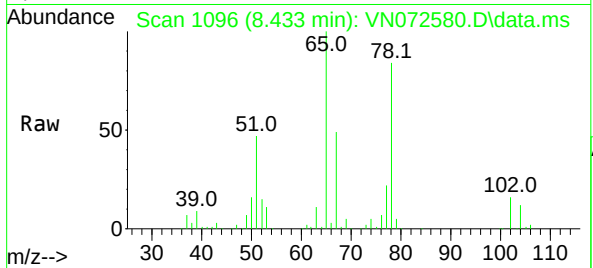
VSTDCCC050EC

Tgt Ion: 65 Resp: 147492

Ion Ratio Lower Upper

65 100

67 48.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

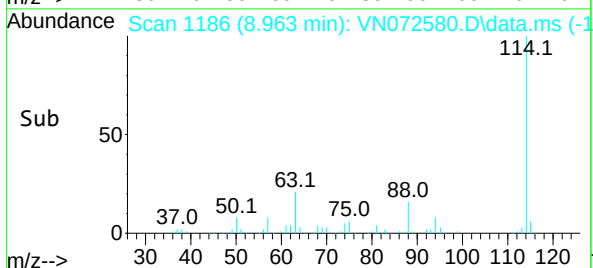
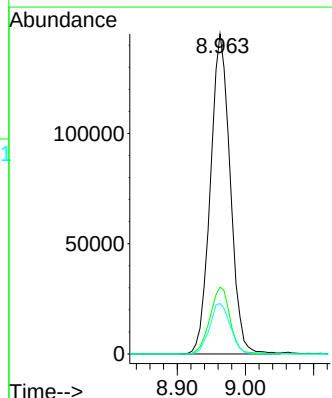
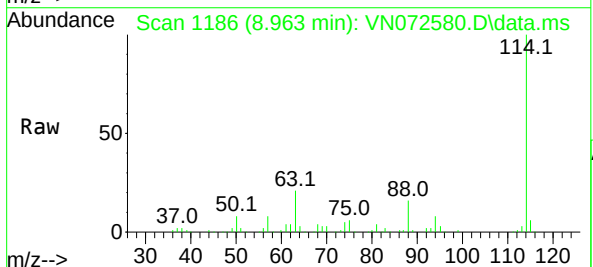
Tgt Ion: 114 Resp: 292814

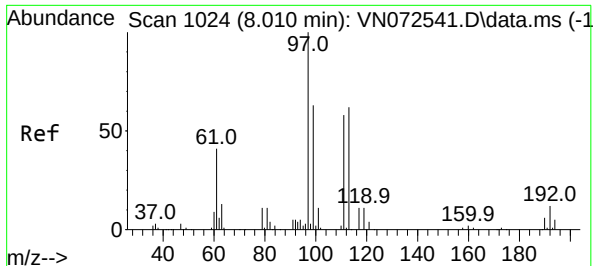
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.012 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

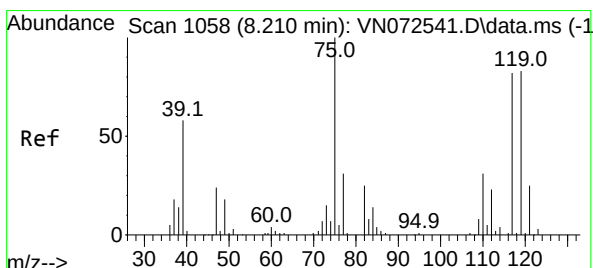
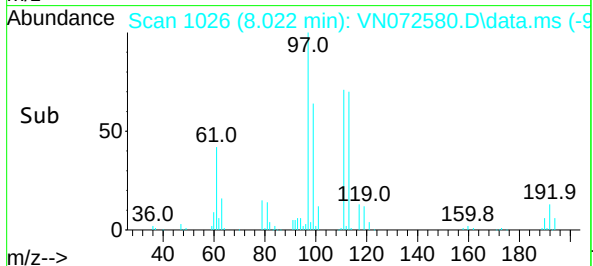
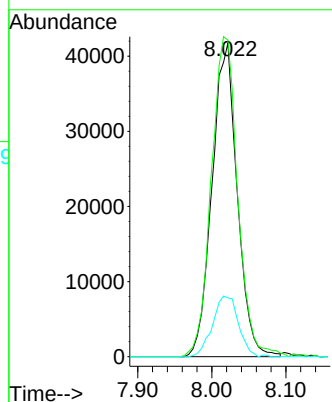
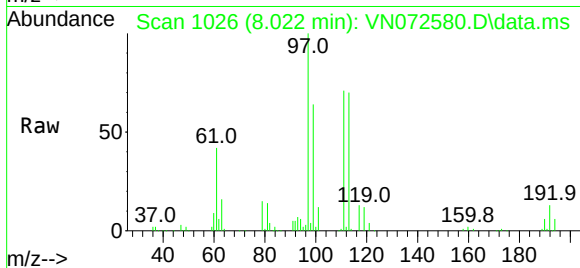
Tgt Ion:113 Resp: 98414

Ion Ratio Lower Upper

113 100

111 106.7 81.4 122.0

192 19.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 52.772 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

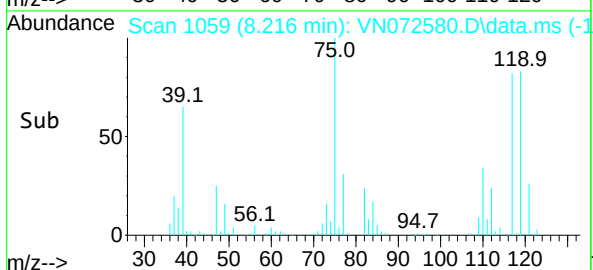
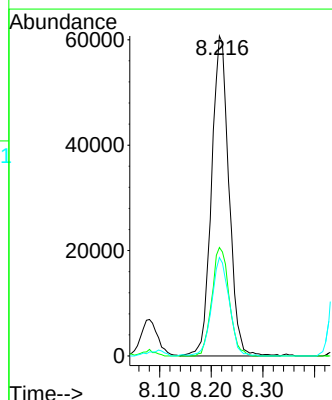
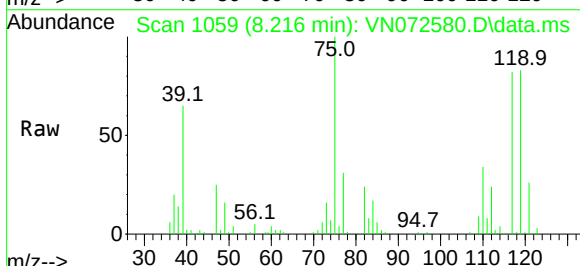
Tgt Ion: 75 Resp: 141940

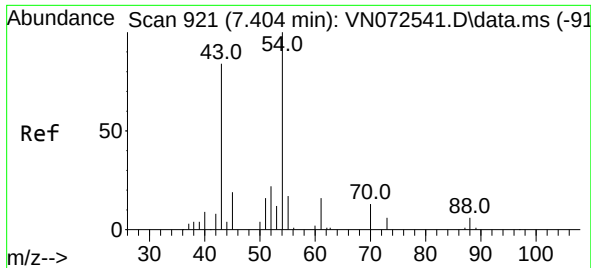
Ion Ratio Lower Upper

75 100

110 33.8 18.3 54.8

77 31.0 25.1 37.7

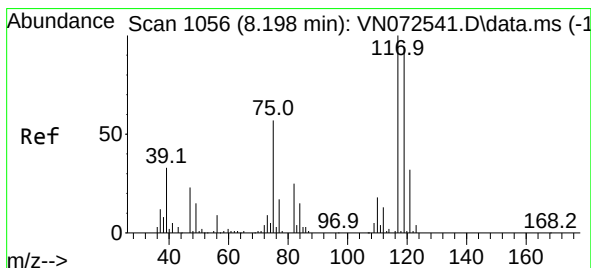
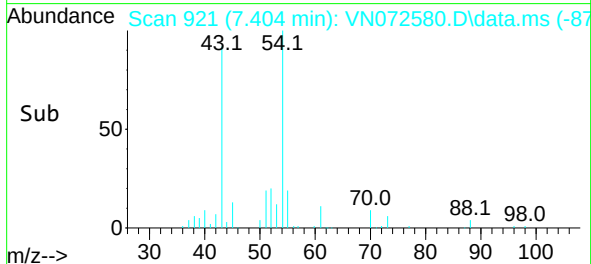
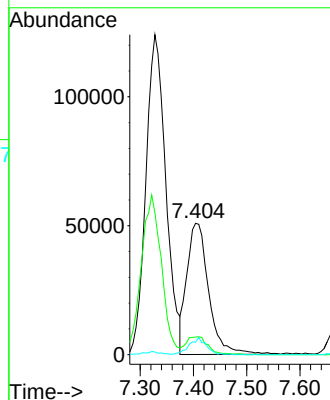
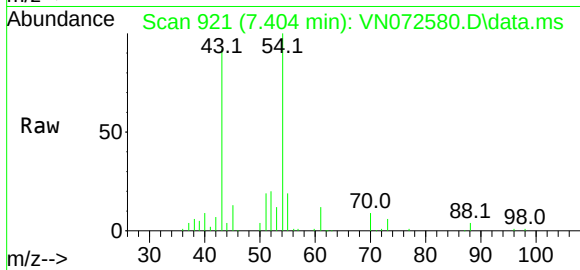




#37
Ethyl Acetate
Concen: 48.809 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

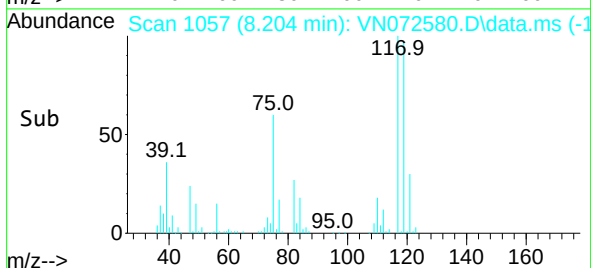
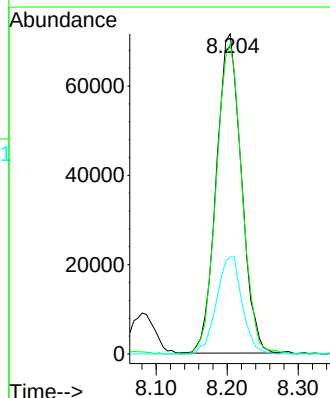
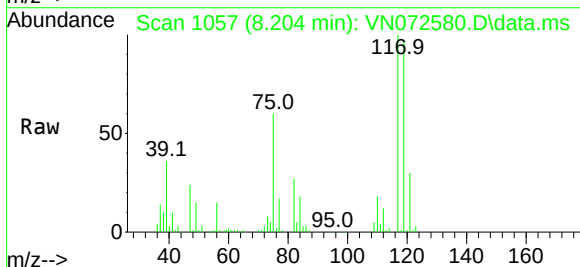
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

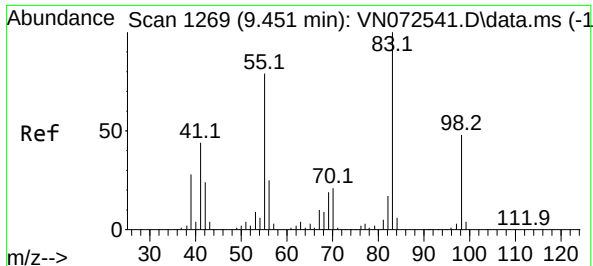
Tgt Ion: 43 Resp: 144266
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 10.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.657 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 117 Resp: 175302
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 50.962 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

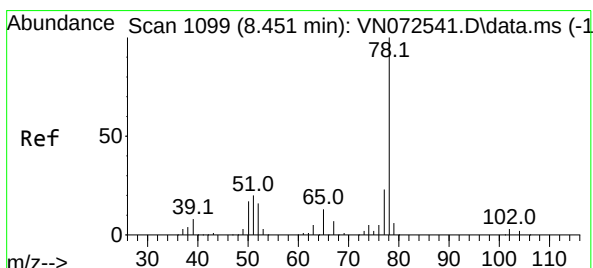
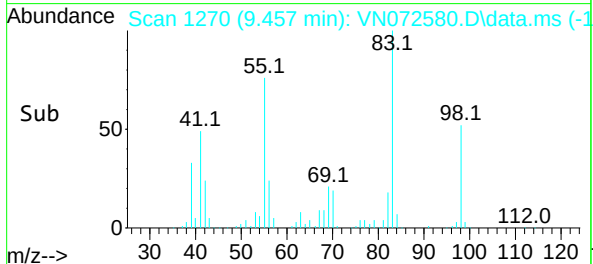
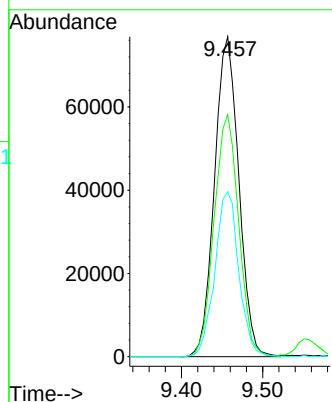
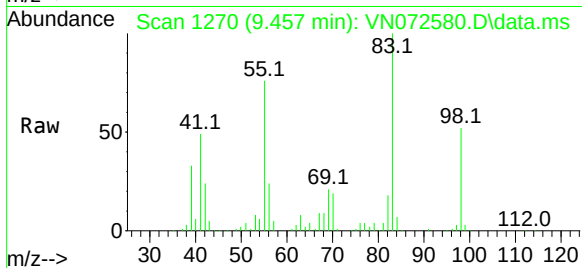
Tgt Ion: 83 Resp: 159976

Ion Ratio Lower Upper

83 100

55 75.6 57.8 86.8

98 51.5 39.4 59.2



#40

Benzene

Concen: 49.663 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072580.D

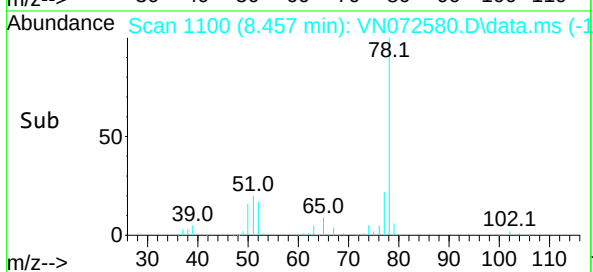
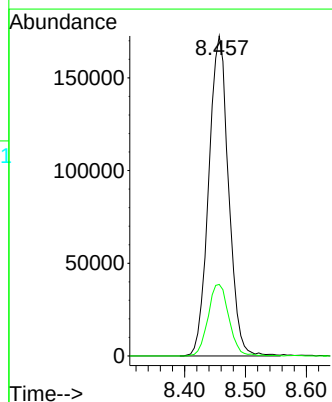
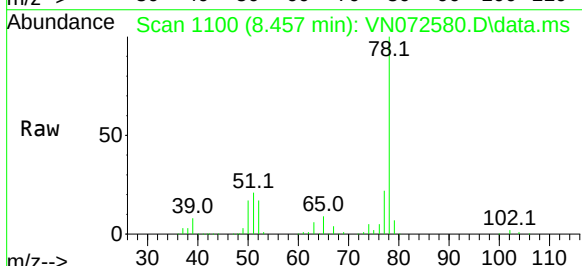
Acq: 20 May 2022 17:03

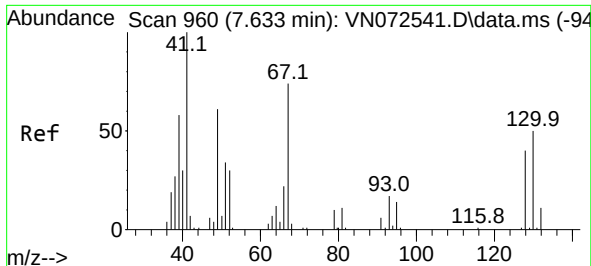
Tgt Ion: 78 Resp: 390317

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0

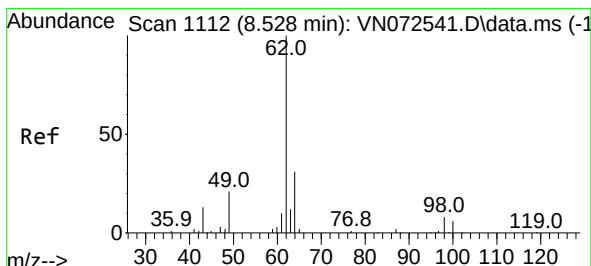
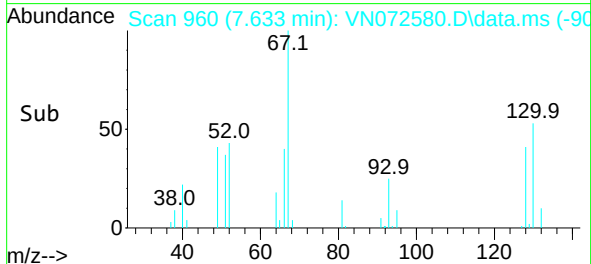
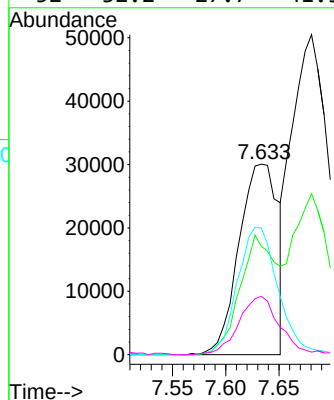
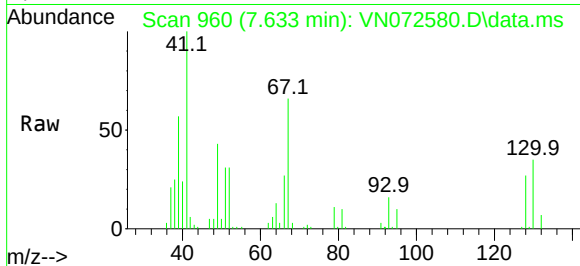




#41
Methacrylonitrile
Concen: 53.983 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

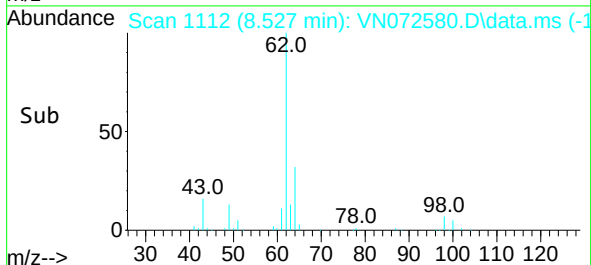
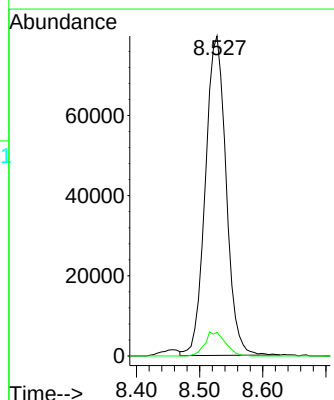
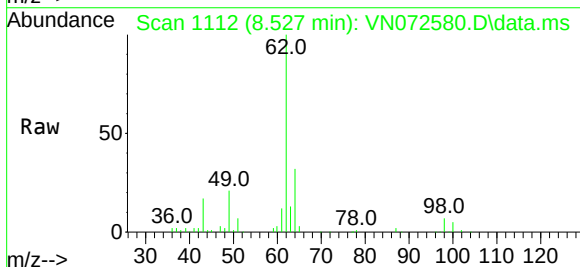
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

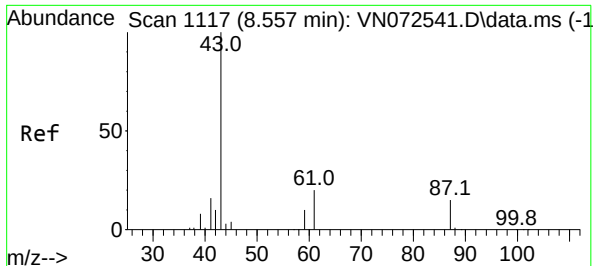
Tgt Ion:	41	Resp:	76544
Ion	Ratio	Lower	Upper
41	100		
39	58.2	48.6	73.0
67	70.0	73.4	110.2#
52	32.2	27.7	41.5



#42
1,2-Dichloroethane
Concen: 49.926 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:	62	Resp:	182078
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	19.4

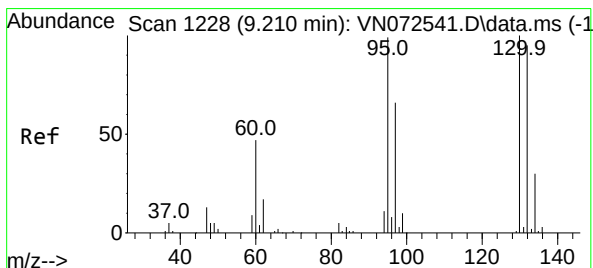
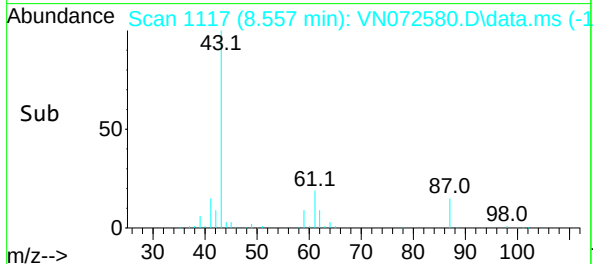
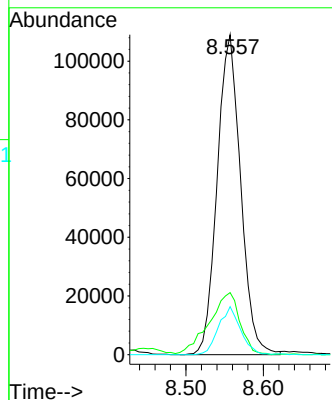
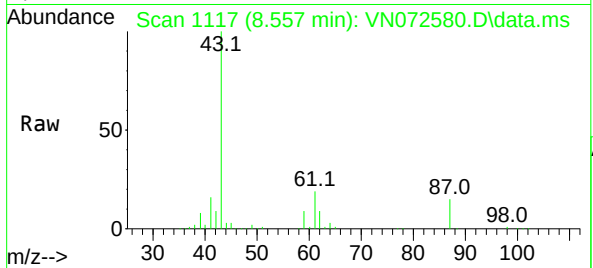




#43
Isopropyl Acetate
Concen: 48.310 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

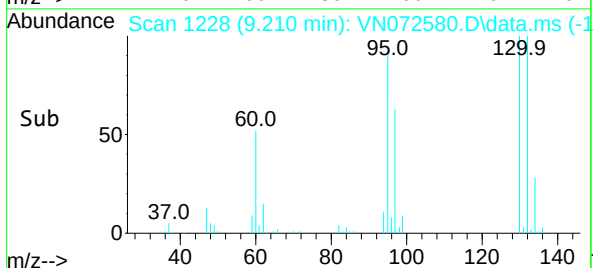
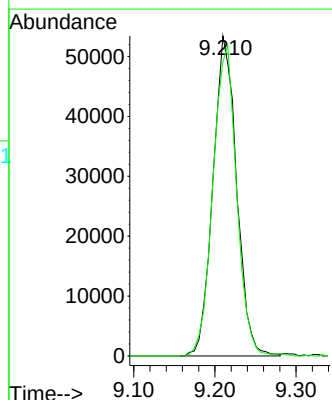
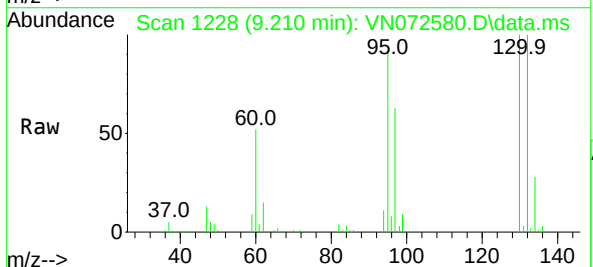
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

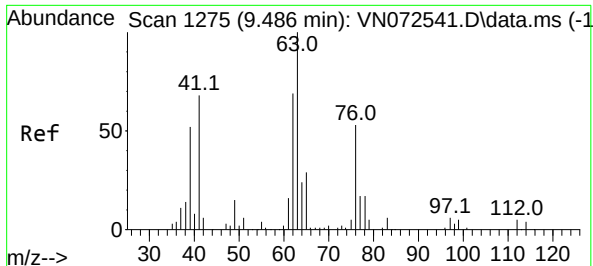
Tgt Ion: 43 Resp: 229625
Ion Ratio Lower Upper
43 100
61 25.5 21.9 32.9
87 14.1 12.0 18.0



#44
Trichloroethene
Concen: 50.550 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:130 Resp: 108007
Ion Ratio Lower Upper
130 100
95 91.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.657 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

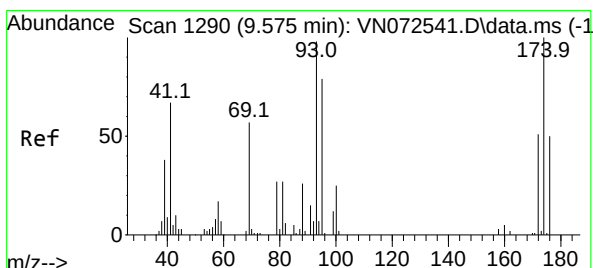
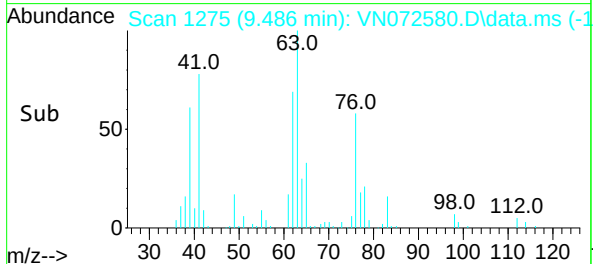
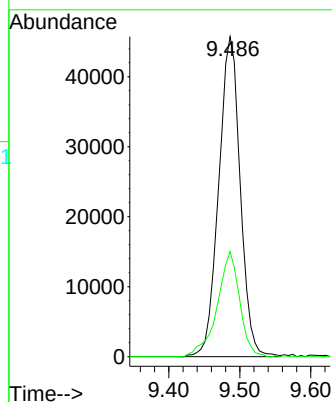
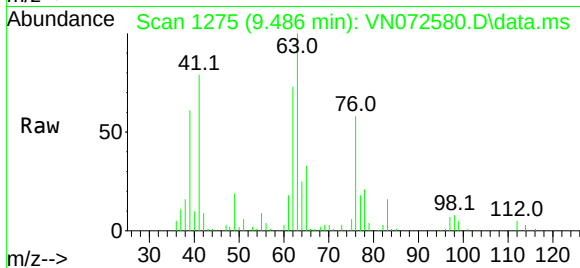
VSTDCCC050EC

Tgt Ion: 63 Resp: 95935

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3



#46

Dibromomethane

Concen: 51.076 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

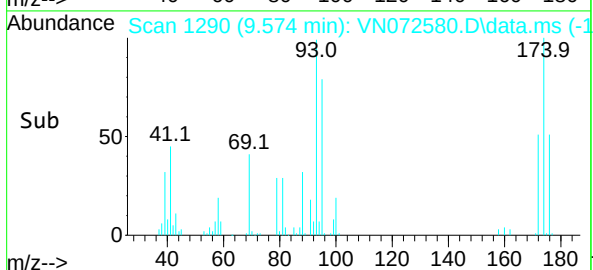
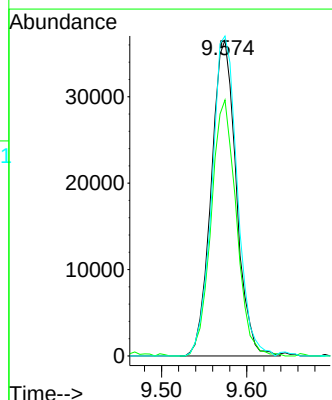
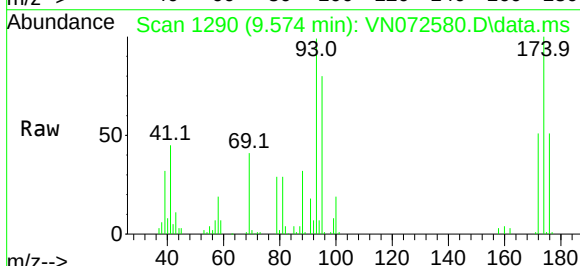
Tgt Ion: 93 Resp: 74598

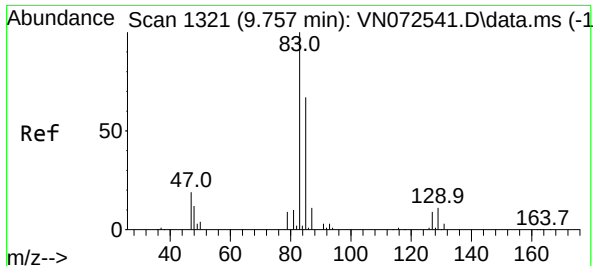
Ion Ratio Lower Upper

93 100

95 81.2 66.9 100.3

174 102.5 86.6 130.0

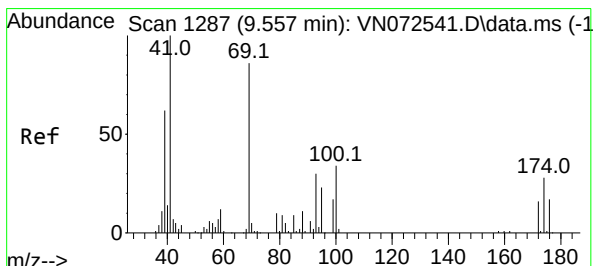
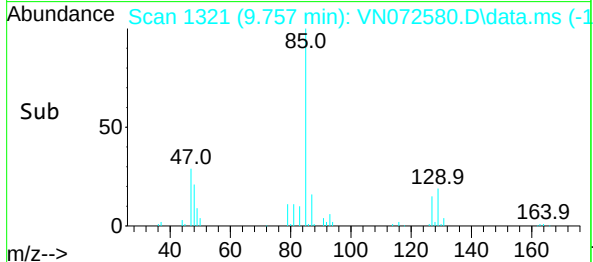
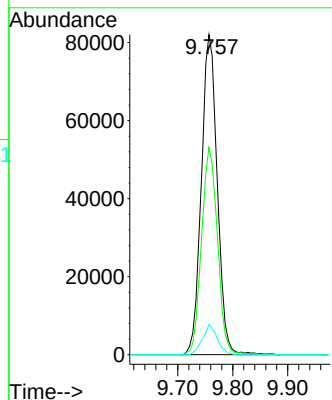
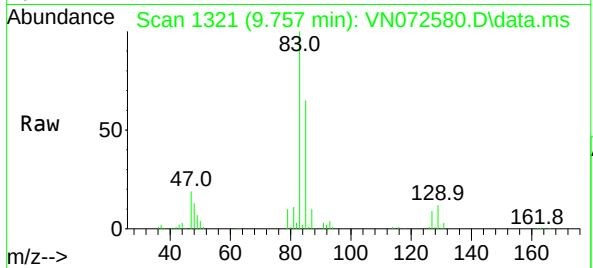




#47
Bromodichloromethane
Concen: 54.214 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

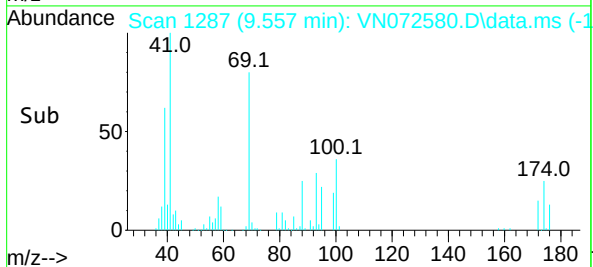
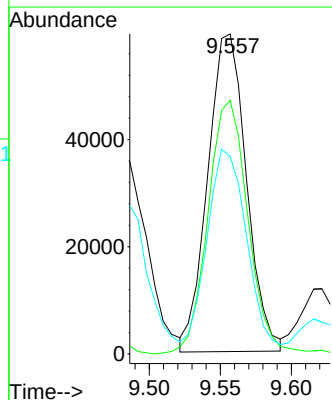
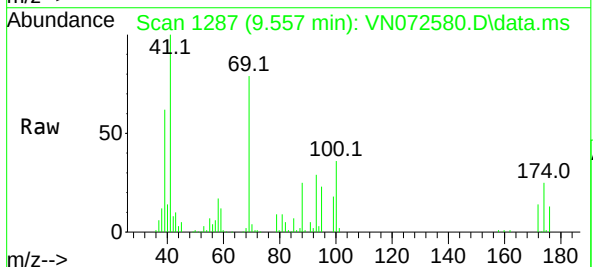
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

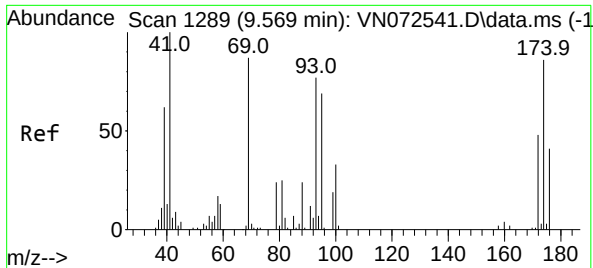
Tgt Ion: 83 Resp: 165018
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 9.4 6.8 10.2



#48
Methyl methacrylate
Concen: 49.644 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 41 Resp: 112353
Ion Ratio Lower Upper
41 100
69 83.4 74.7 112.1
39 66.3 45.6 68.4





#49

1,4-Dioxane

Concen: 1834.227 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

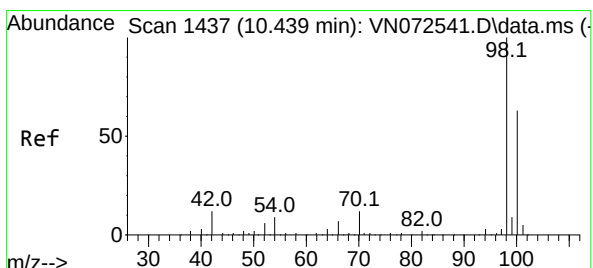
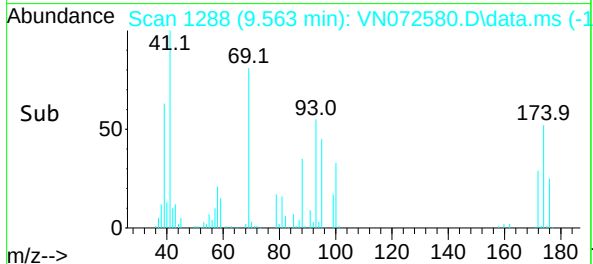
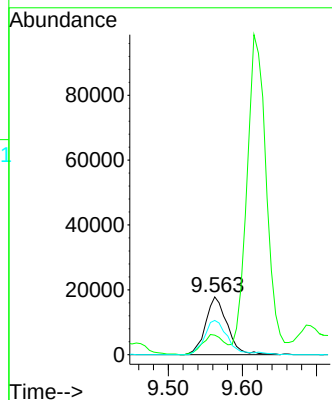
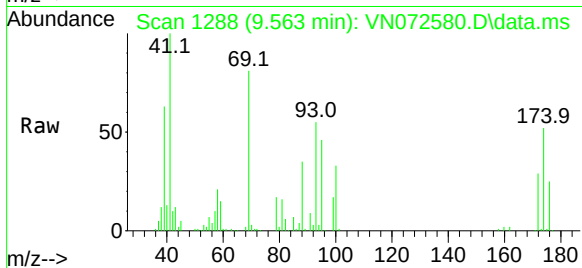
Tgt Ion: 88 Resp: 36139

Ion Ratio Lower Upper

88 100

43 34.3 20.2 30.4#

58 62.2 54.2 81.4



#50

Toluene-d8

Concen: 50.334 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072580.D

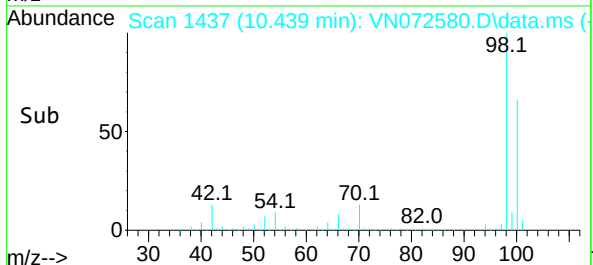
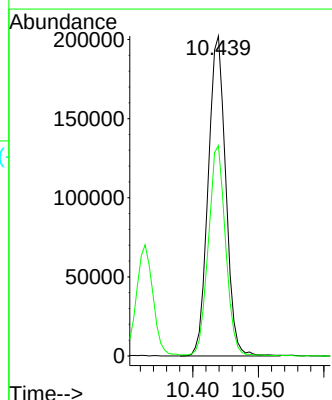
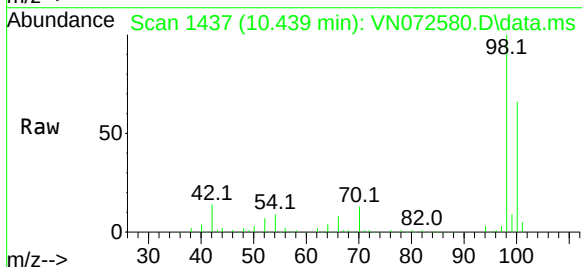
Acq: 20 May 2022 17:03

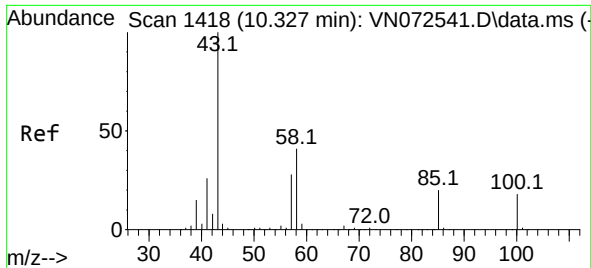
Tgt Ion: 98 Resp: 376421

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8

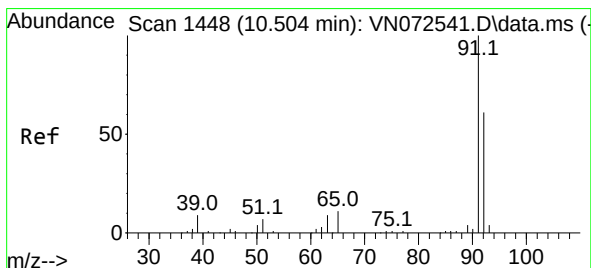
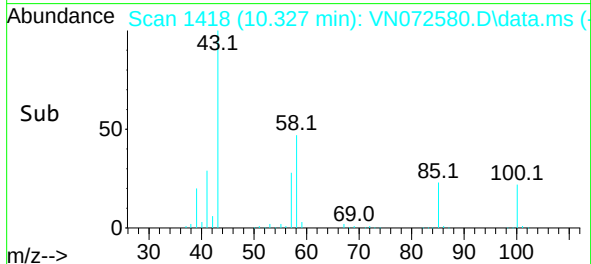
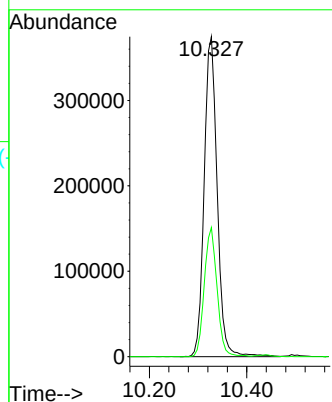
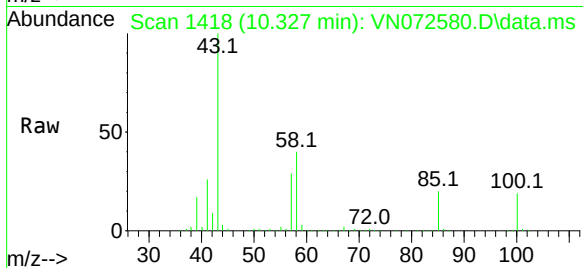




#51
4-Methyl-2-Pentanone
Concen: 220.861 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

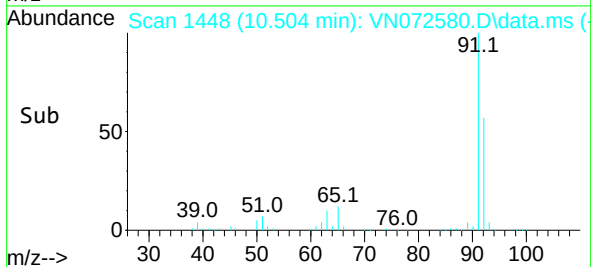
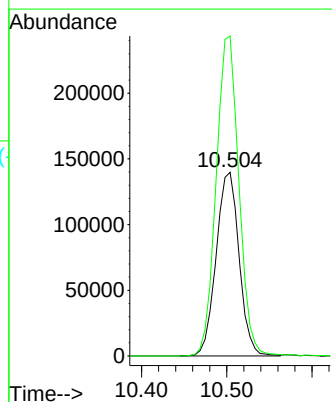
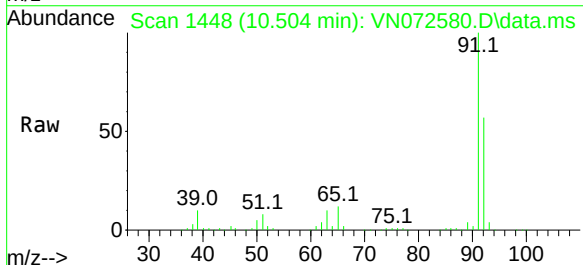
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

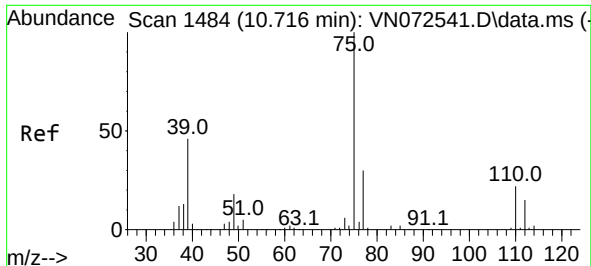
Tgt Ion: 43 Resp: 692706
Ion Ratio Lower Upper
43 100
58 39.7 34.1 51.1



#52
Toluene
Concen: 51.350 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 92 Resp: 261672
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8

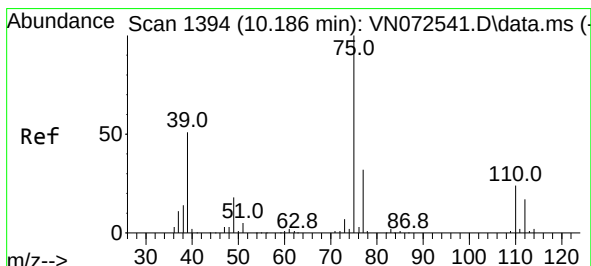
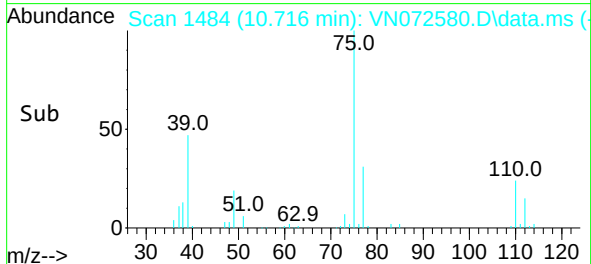
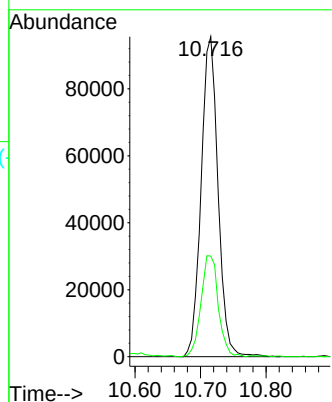
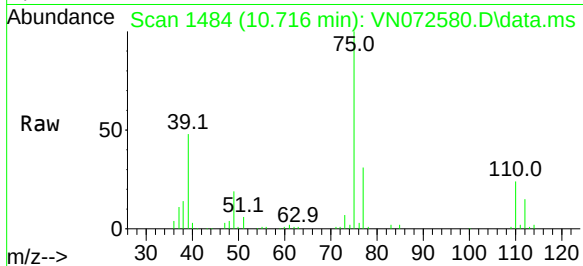




#53
t-1,3-Dichloropropene
Concen: 52.458 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

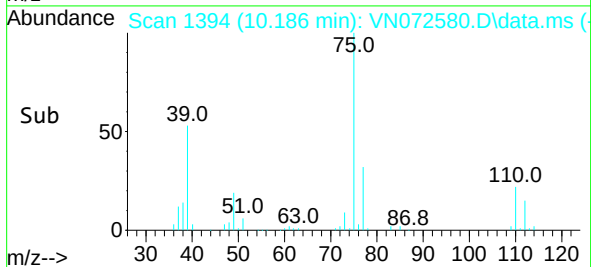
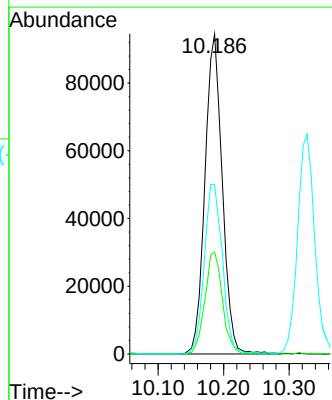
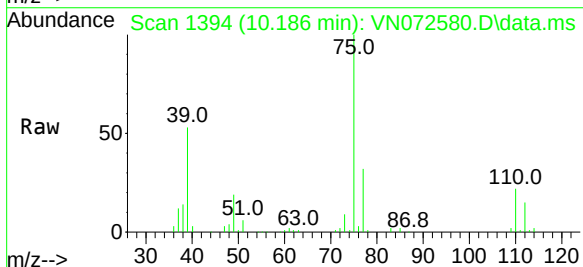
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

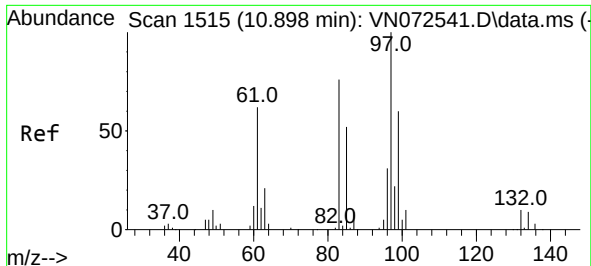
Tgt Ion: 75 Resp: 171454
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 53.805 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 75 Resp: 173617
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 53.0 35.7 53.5



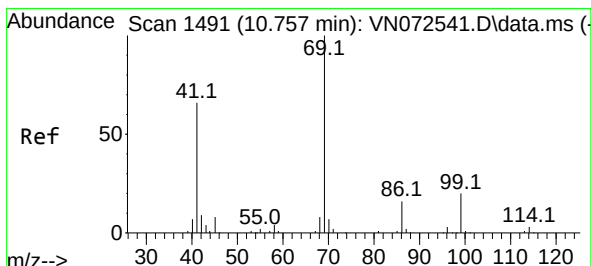
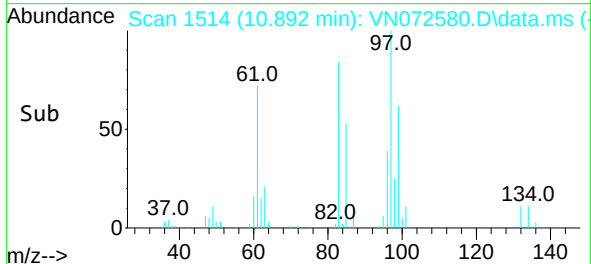
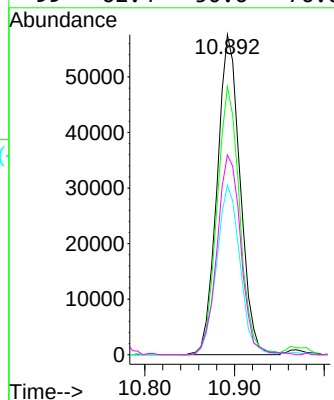
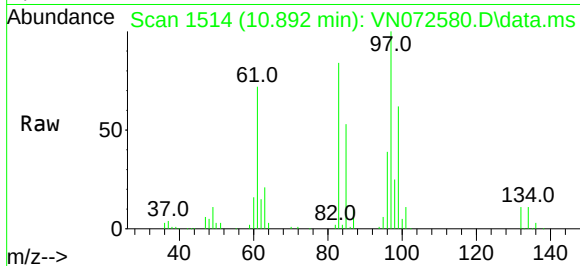


#55
 1,1,2-Trichloroethane
 Concen: 46.316 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.006 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 102572

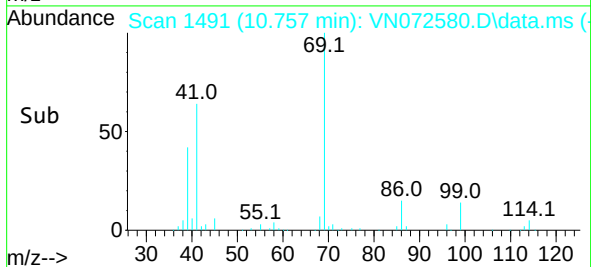
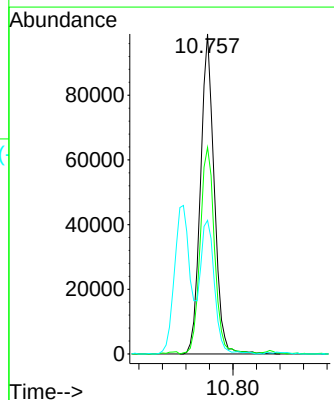
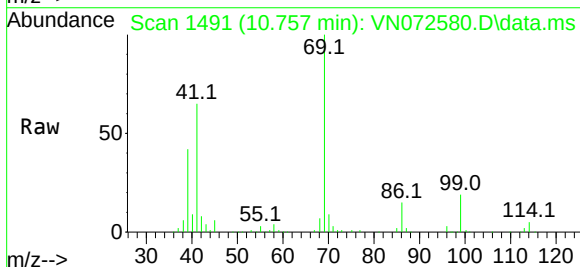
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.2	99.4
85	53.0	43.9	65.9
99	62.4	50.6	76.0

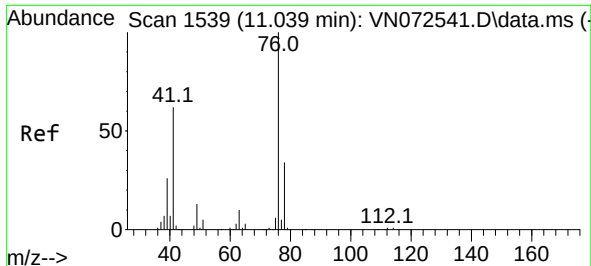


#56
 Ethyl methacrylate
 Concen: 48.378 ug/l
 RT: 10.757 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

Tgt Ion: 69 Resp: 160433

Ion	Ratio	Lower	Upper
69	100		
41	67.9	47.8	71.6
39	40.8	27.3	40.9





#57

1,3-Dichloropropane

Concen: 48.391 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

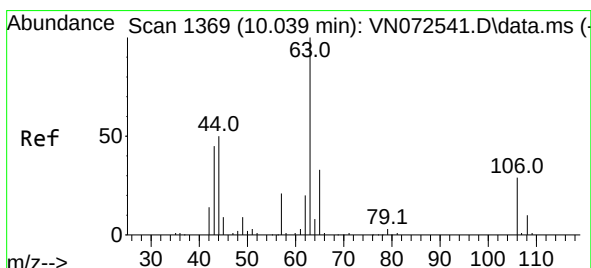
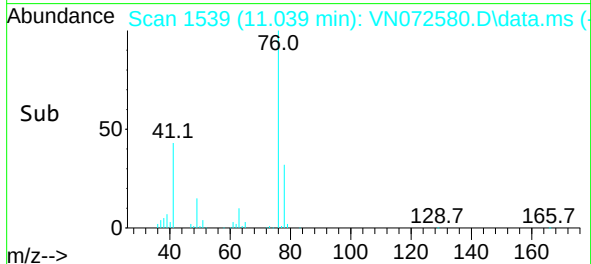
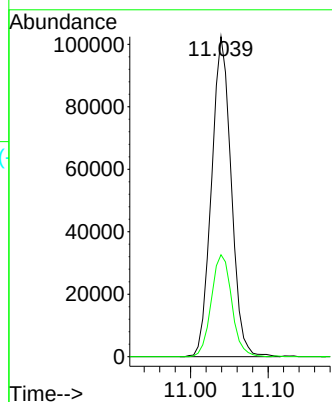
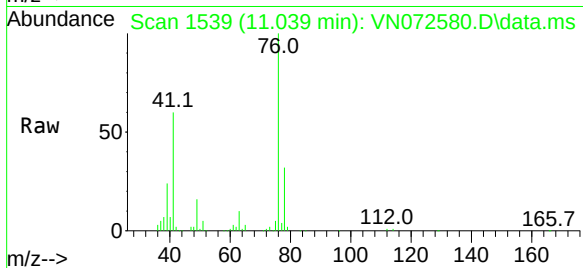
VSTDCCC050EC

Tgt Ion: 76 Resp: 180691

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 247.231 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072580.D

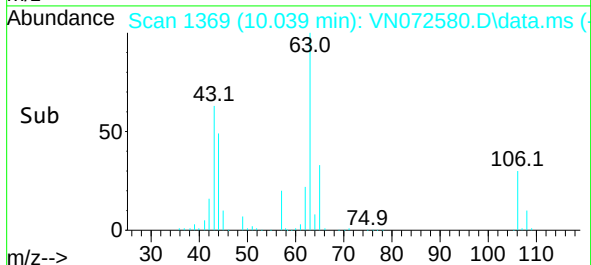
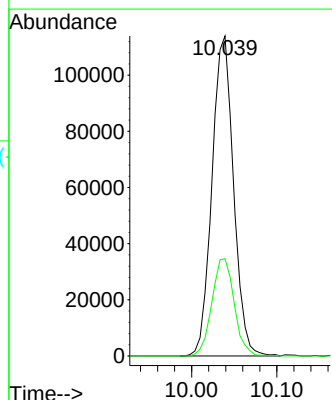
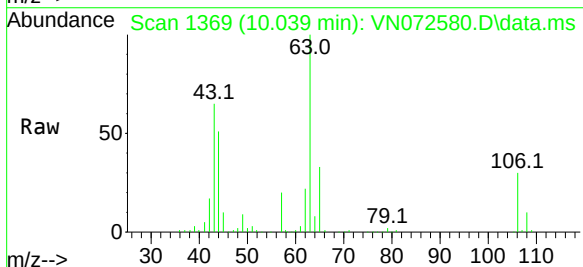
Acq: 20 May 2022 17:03

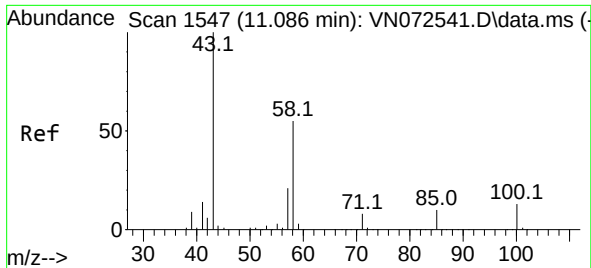
Tgt Ion: 63 Resp: 200168

Ion Ratio Lower Upper

63 100

106 31.5 24.6 36.8

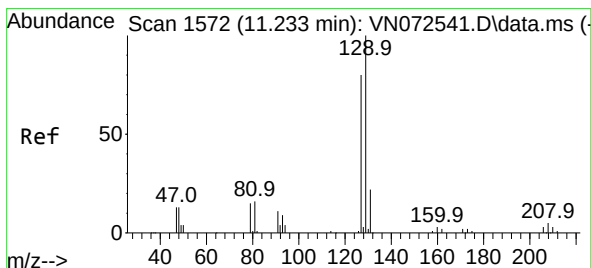
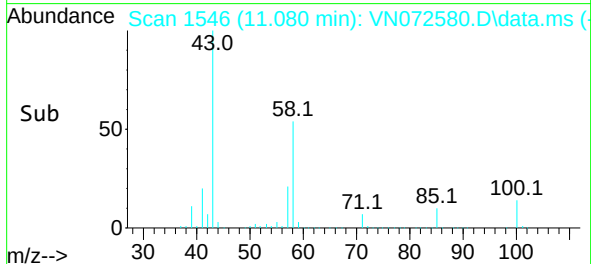
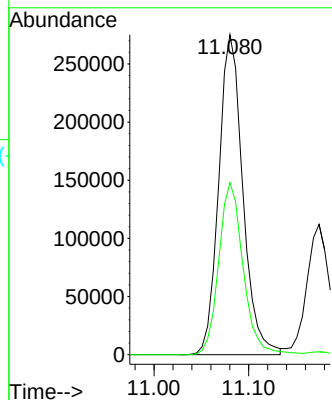
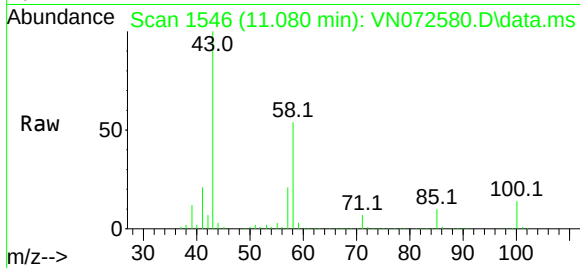




#59
2-Hexanone
Concen: 223.520 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

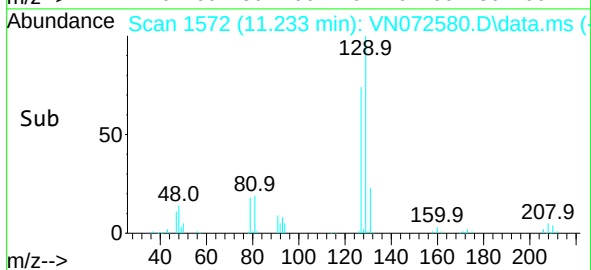
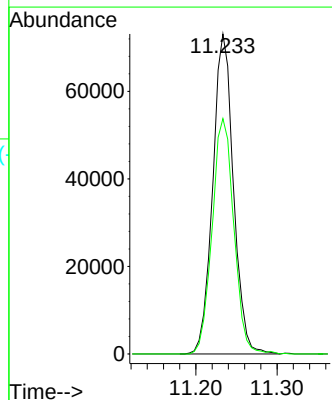
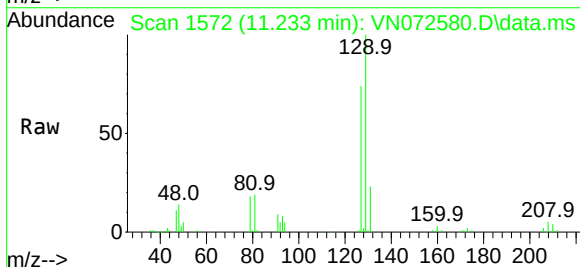
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

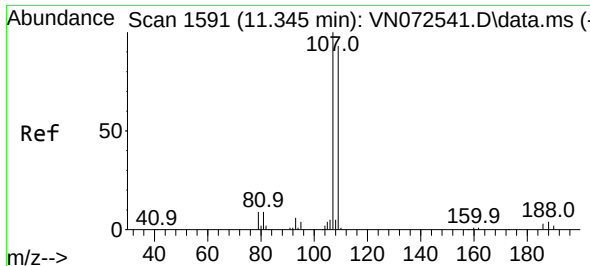
Tgt Ion: 43 Resp: 487272
Ion Ratio Lower Upper
43 100
58 54.3 29.7 89.1



#60
Dibromochloromethane
Concen: 51.127 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:129 Resp: 129372
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

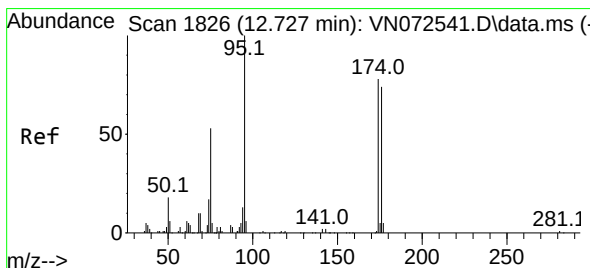
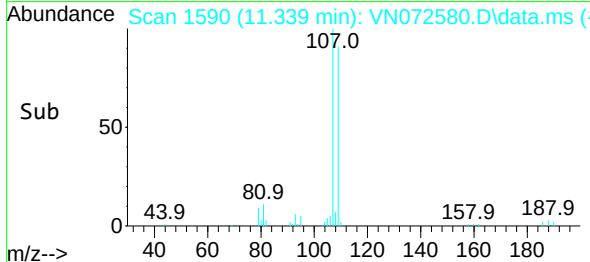
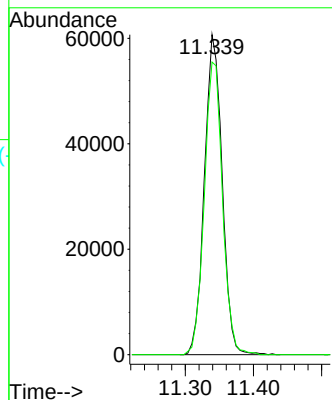
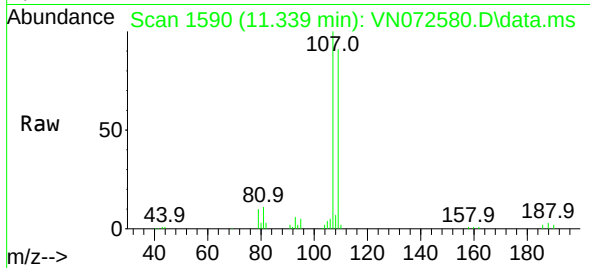




#61
1,2-Dibromoethane
Concen: 47.848 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

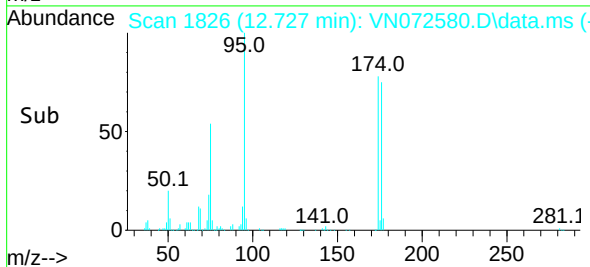
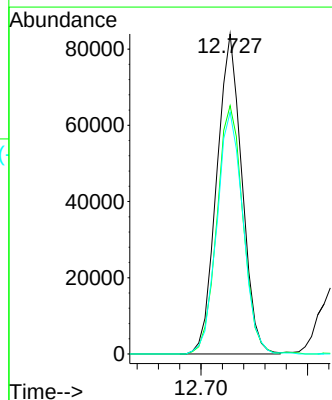
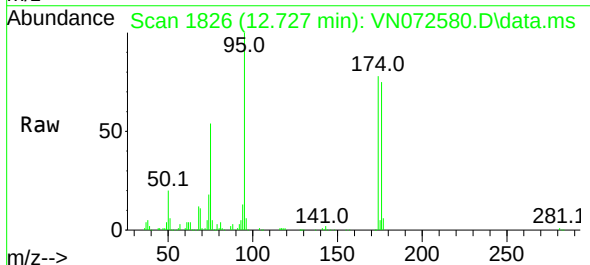
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

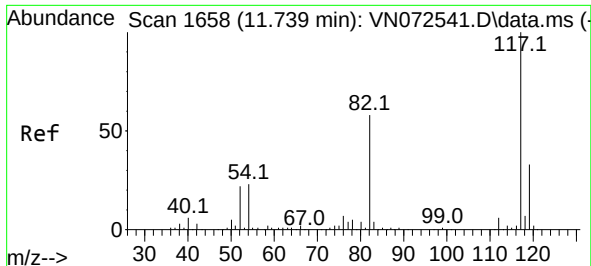
Tgt Ion:107 Resp: 109890
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 48.420 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 95 Resp: 137550
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 78.2 0.0 163.4

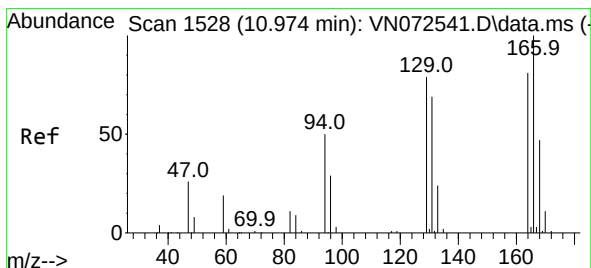
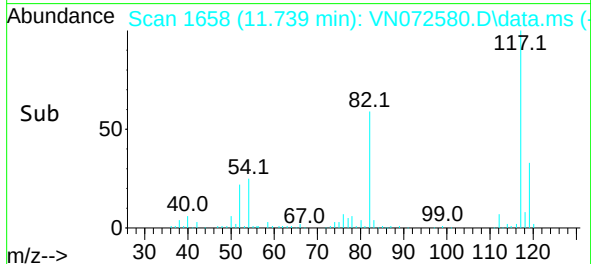
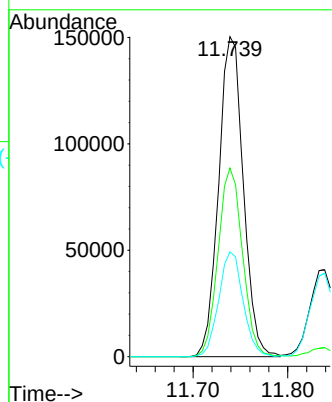
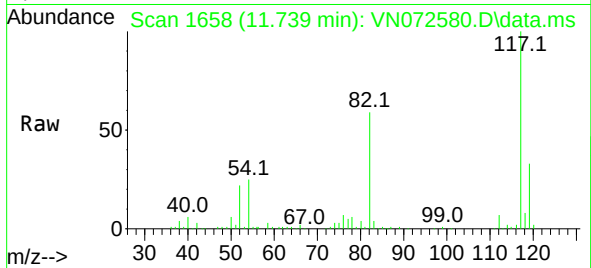




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

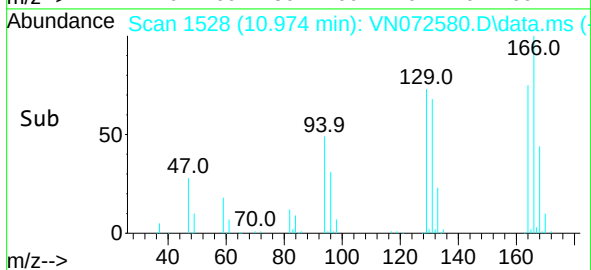
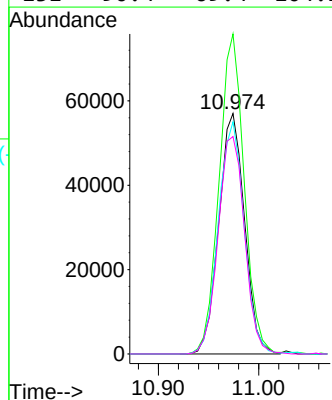
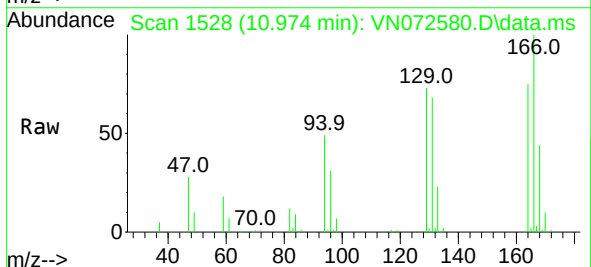
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

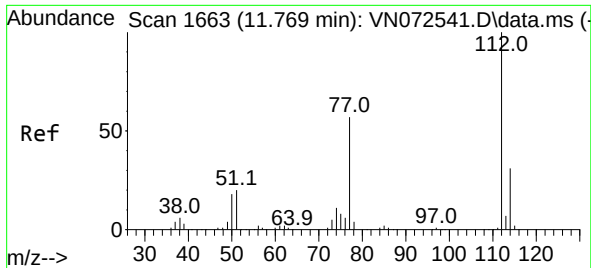
Tgt Ion:117 Resp: 272477
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 53.706 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:164 Resp: 101551
Ion Ratio Lower Upper
164 100
166 133.0 104.2 156.2
129 96.5 73.9 110.9
131 90.4 69.4 104.2

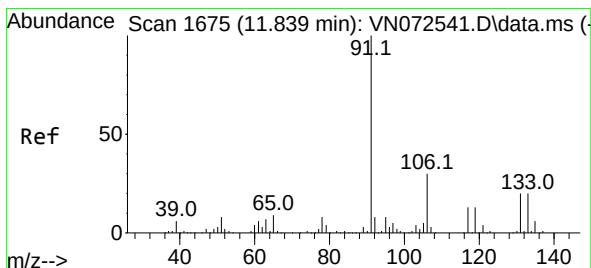
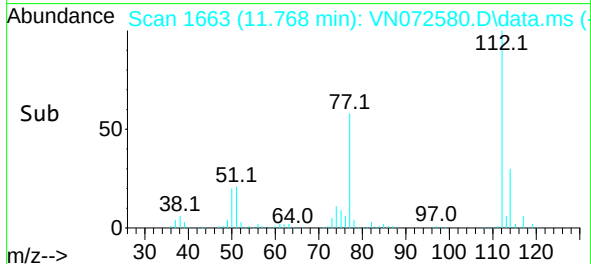
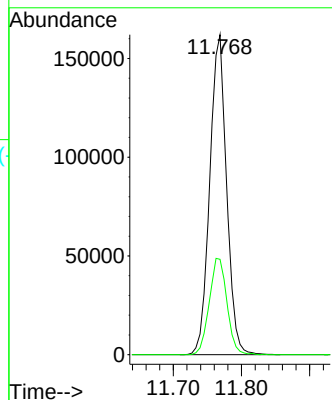
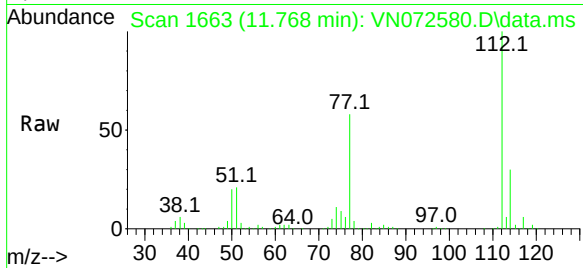




#65
Chlorobenzene
Concen: 49.815 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

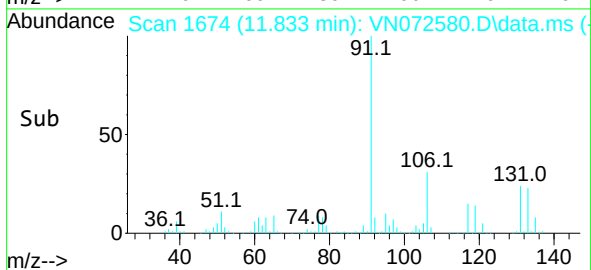
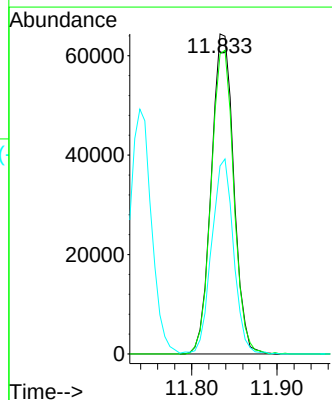
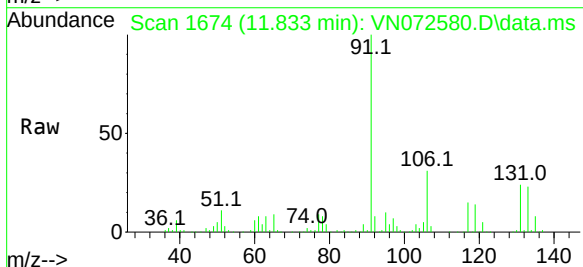
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

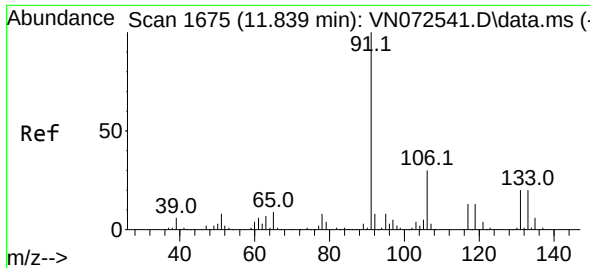
Tgt Ion:112 Resp: 278135
Ion Ratio Lower Upper
112 100
114 29.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.411 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:131 Resp: 117505
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 59.5 33.4 100.2

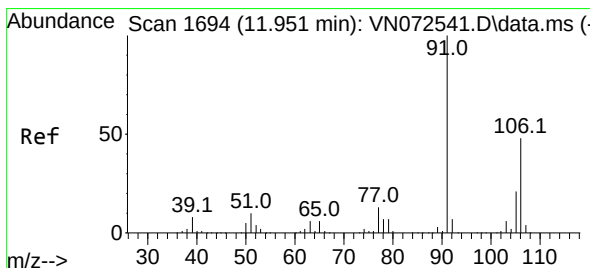
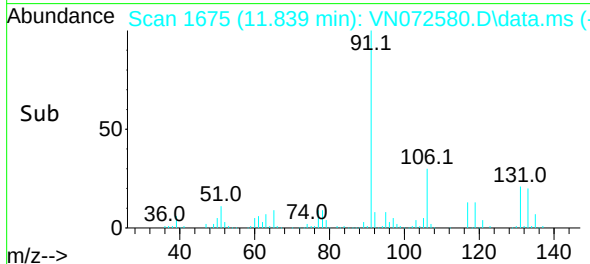
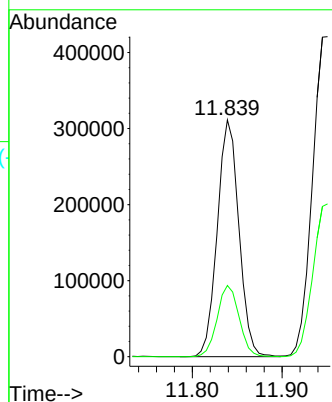
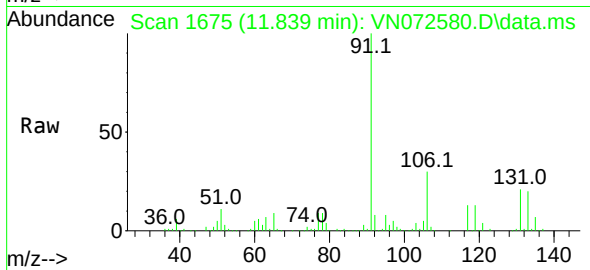




#67
Ethyl Benzene
Concen: 53.800 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

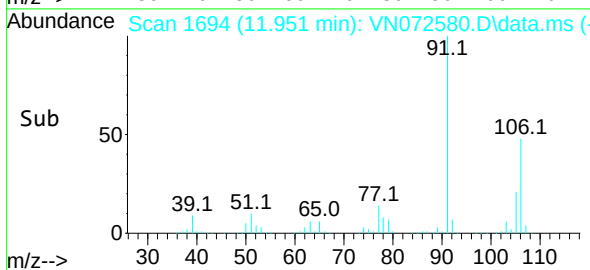
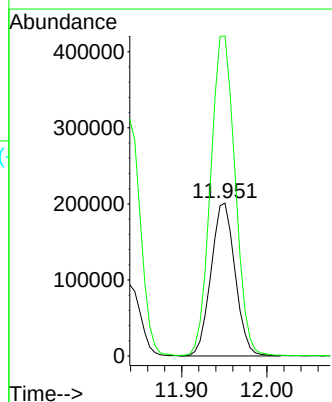
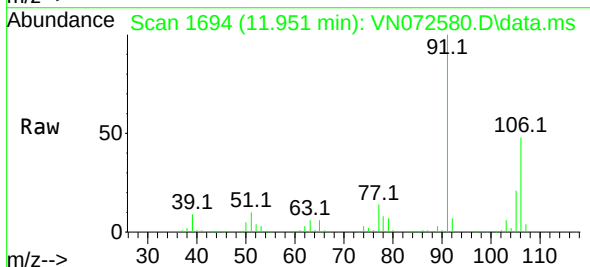
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

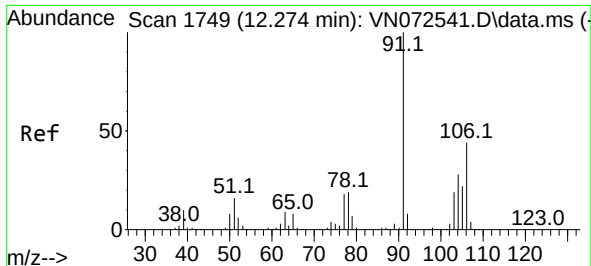
Tgt Ion: 91 Resp: 519959
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 106.049 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:106 Resp: 394583
Ion Ratio Lower Upper
106 100
91 213.2 158.9 238.3

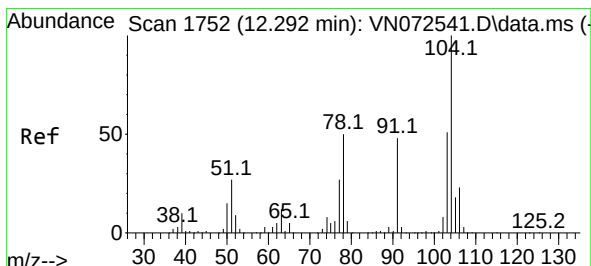
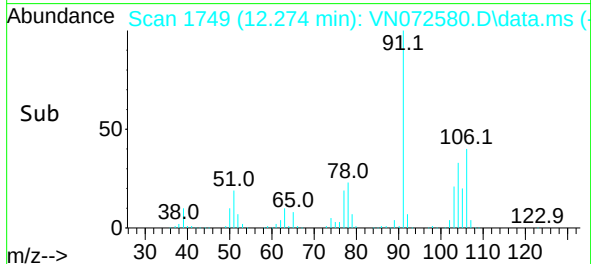
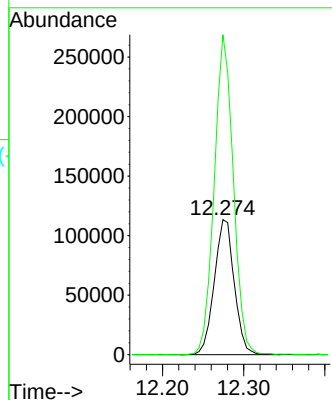
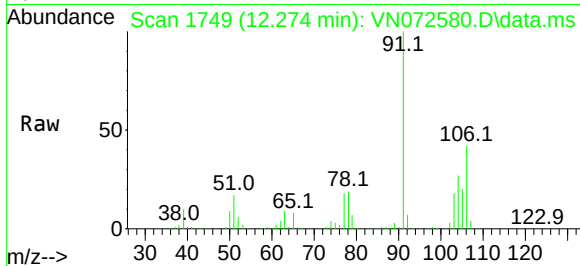




#69
o-Xylene
Concen: 51.115 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

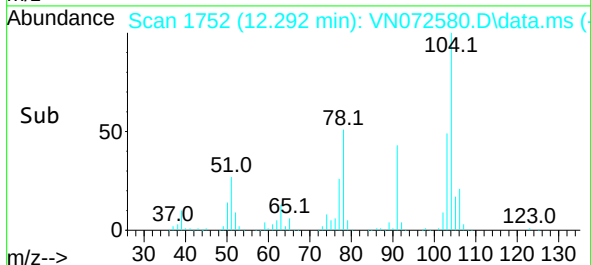
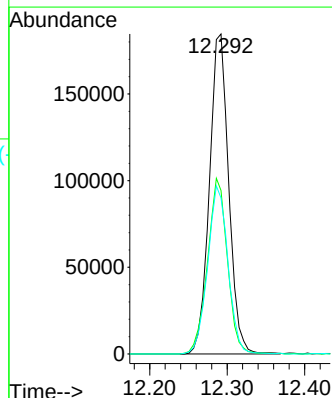
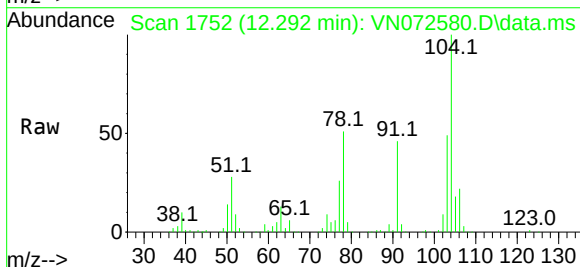
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

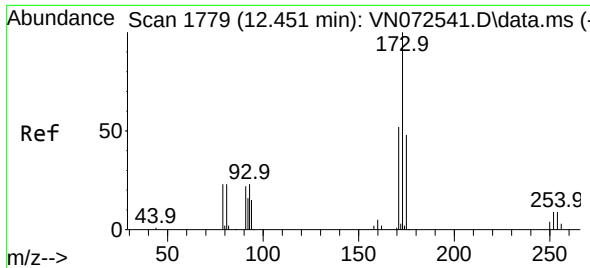
Tgt Ion:106 Resp: 193744
Ion Ratio Lower Upper
106 100
91 227.2 106.0 318.0



#70
Styrene
Concen: 54.849 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:104 Resp: 320086
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 55.2 44.0 66.0

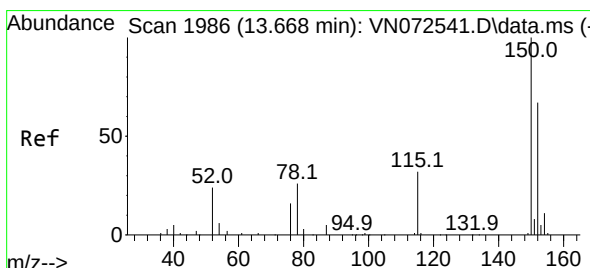
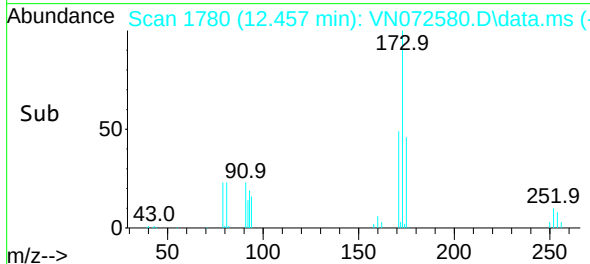
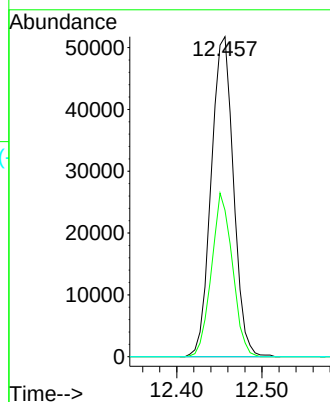
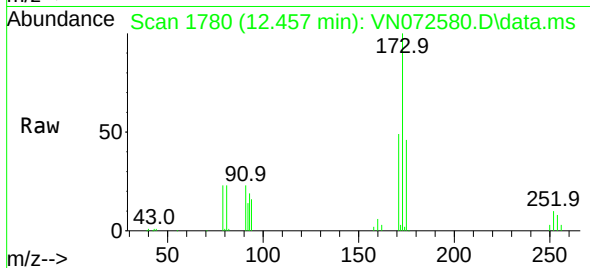




#71
Bromoform
Concen: 54.453 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

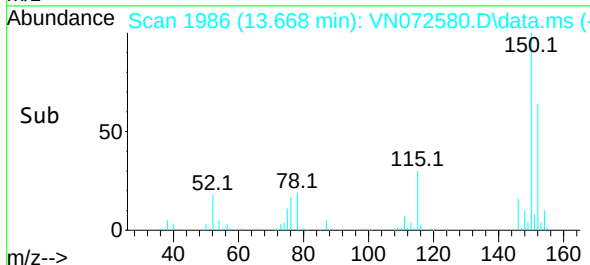
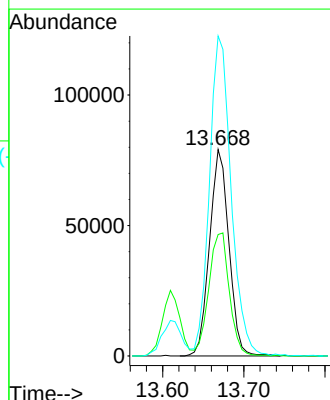
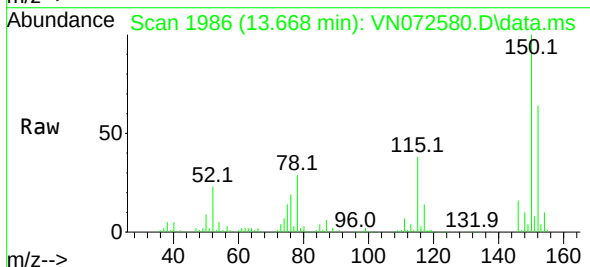
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

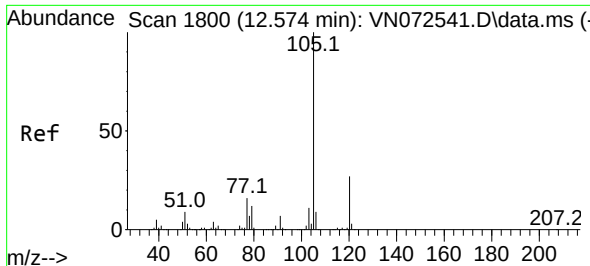
Tgt Ion:173 Resp: 93950
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:152 Resp: 131122
Ion Ratio Lower Upper
152 100
115 63.0 28.9 86.7
150 173.8 0.0 356.2

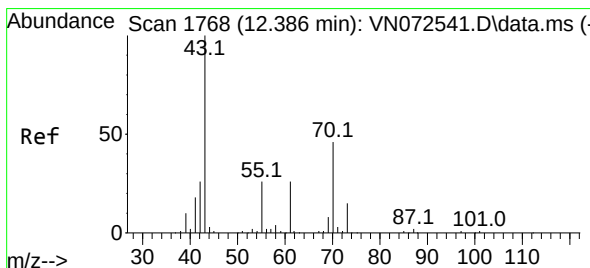
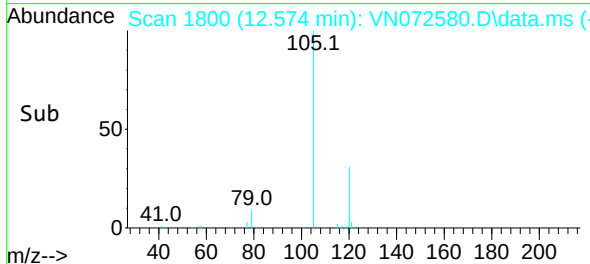
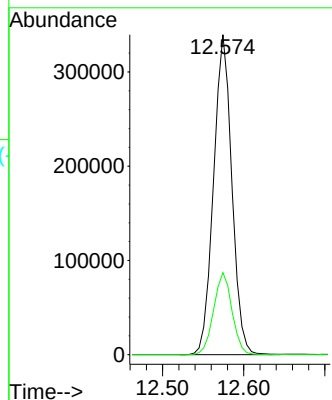
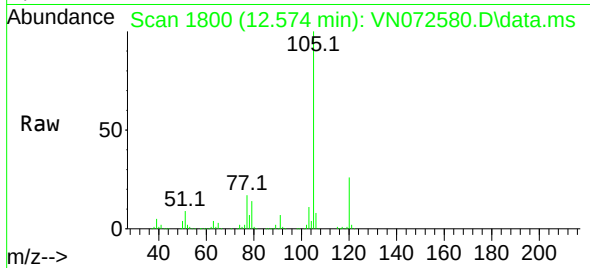




#73
Isopropylbenzene
Concen: 49.037 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

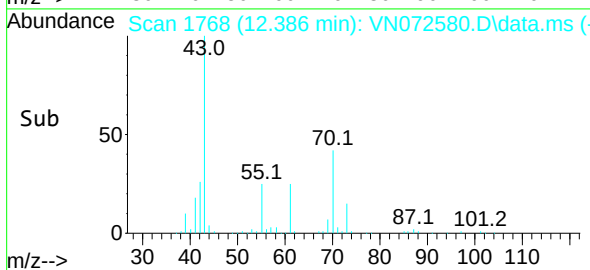
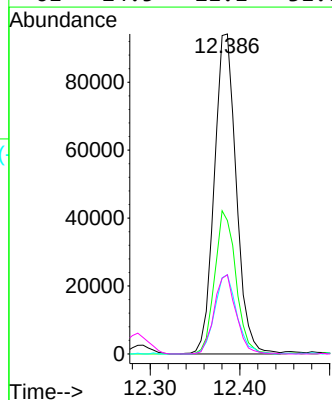
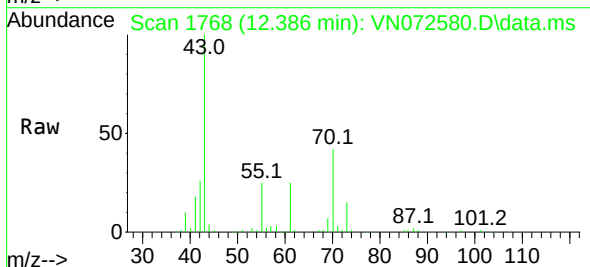
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

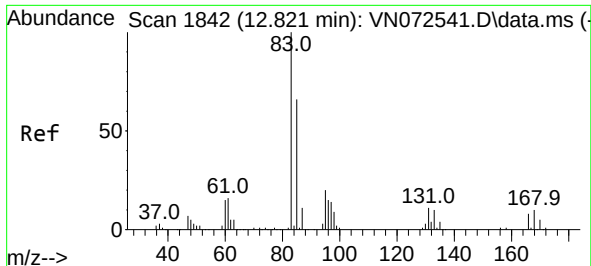
Tgt Ion:105 Resp: 531599
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4



#74
N-ethyl acetate
Concen: 44.400 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 43 Resp: 160329
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 25.0 21.1 31.7
61 24.5 21.1 31.7

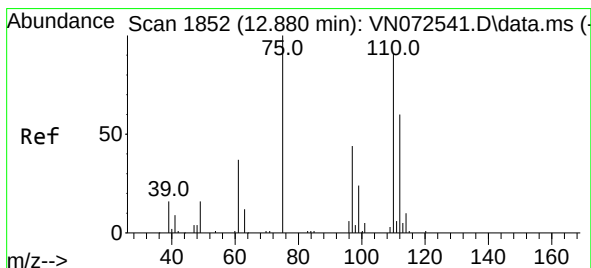
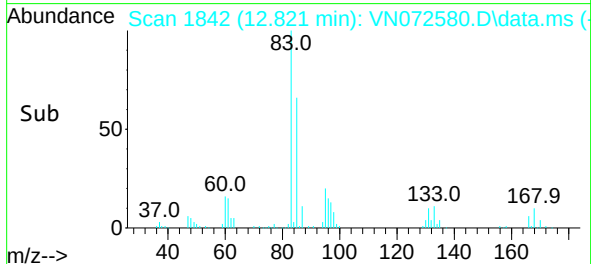
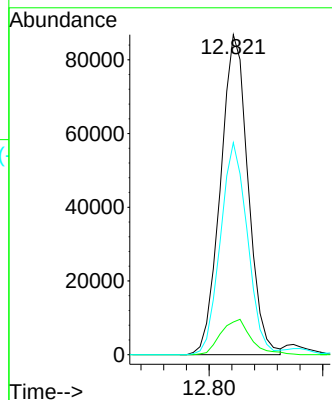
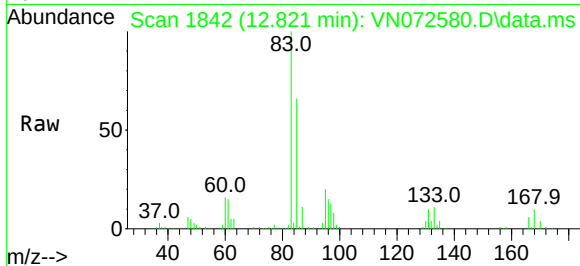




#75
1,1,2,2-Tetrachloroethane
Concen: 44.613 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

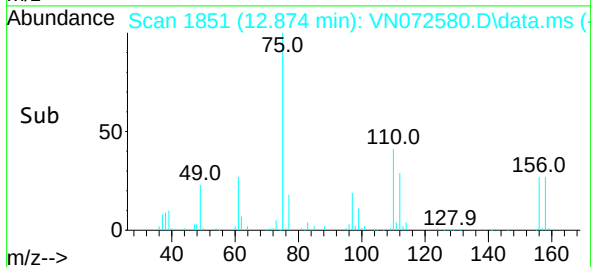
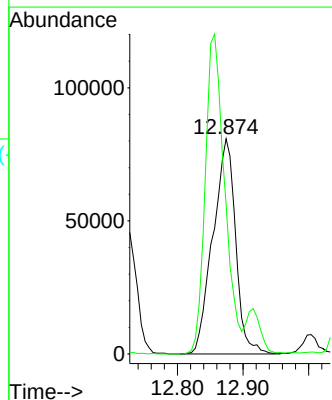
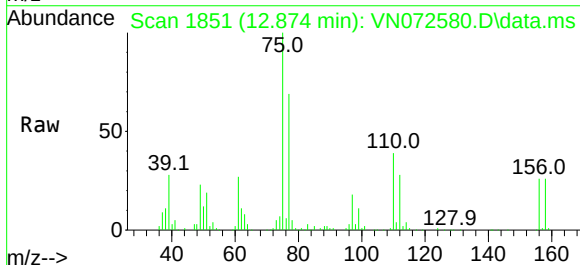
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

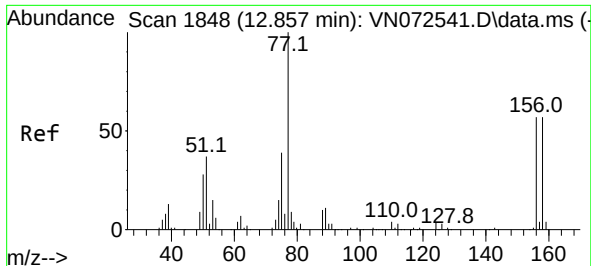
Tgt Ion: 83 Resp: 146509
Ion Ratio Lower Upper
83 100
131 12.1 5.3 15.9
85 65.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 49.087 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 75 Resp: 194434
Ion Ratio Lower Upper
75 100
77 127.2 98.5 295.5

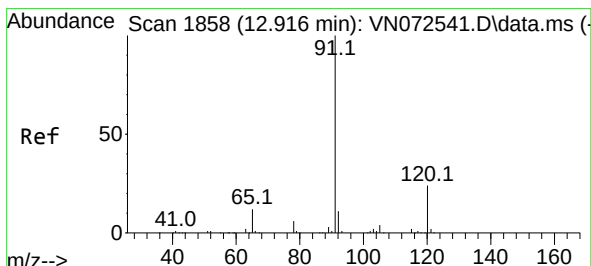
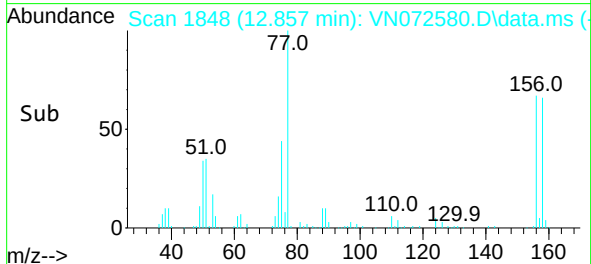
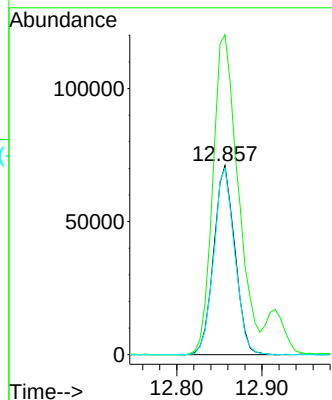
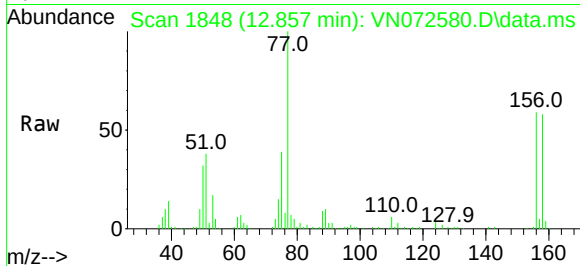




#77
Bromobenzene
Concen: 44.151 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

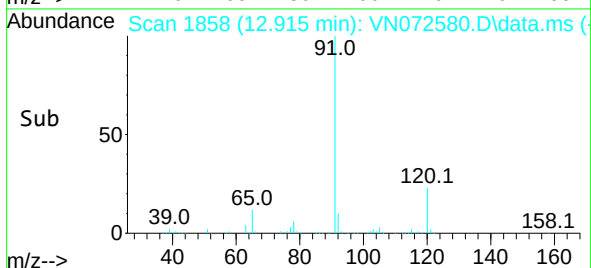
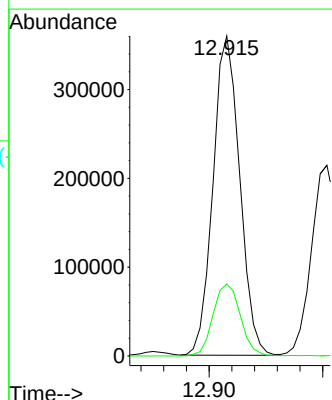
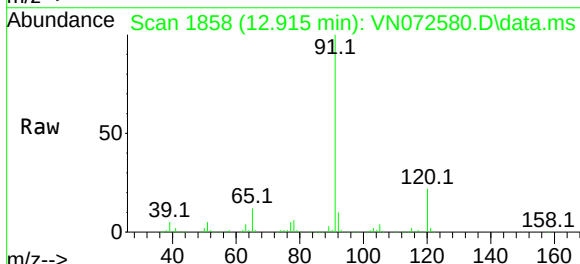
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

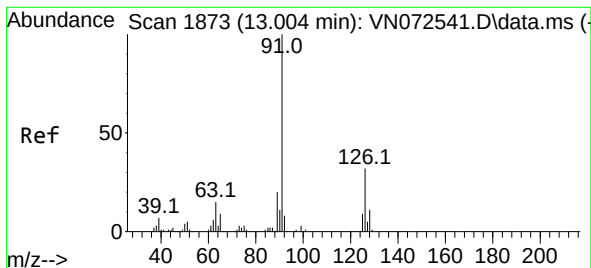
Tgt Ion:156 Resp: 122603
Ion Ratio Lower Upper
156 100
77 201.6 100.5 301.5
158 97.5 48.9 146.6



#78
n-propylbenzene
Concen: 49.454 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 91 Resp: 586337
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 46.319 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

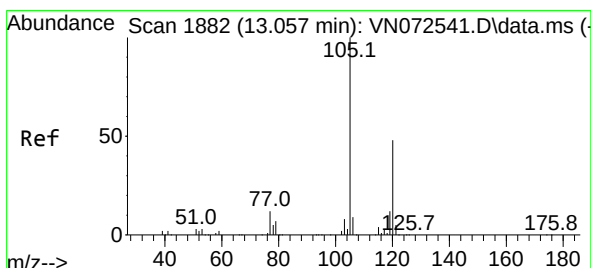
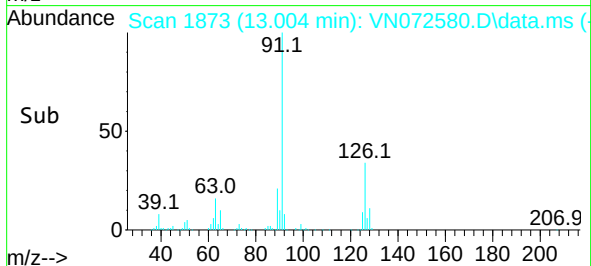
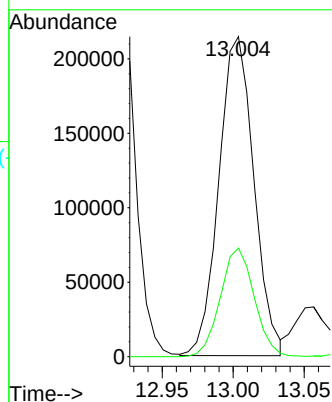
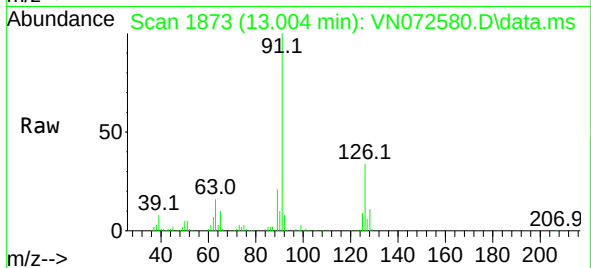
VSTDCCC050EC

Tgt Ion: 91 Resp: 367891

Ion Ratio Lower Upper

91 100

126 32.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 48.694 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072580.D

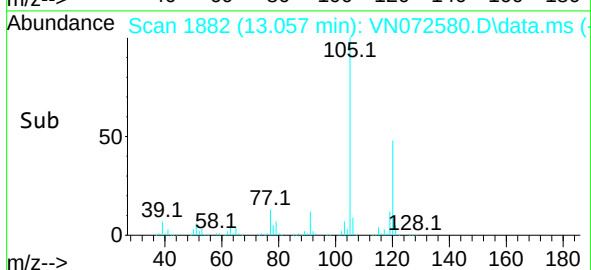
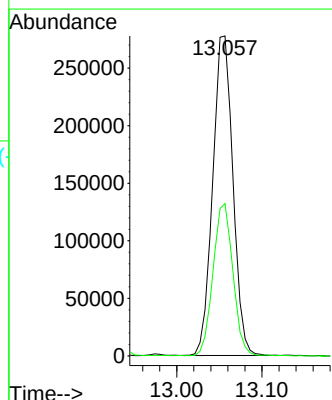
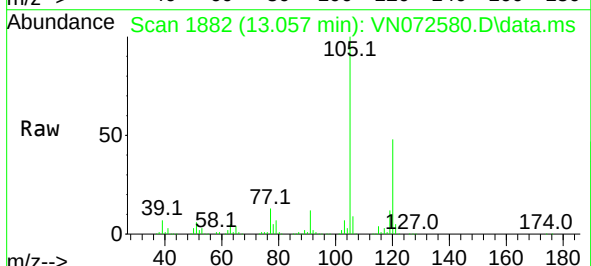
Acq: 20 May 2022 17:03

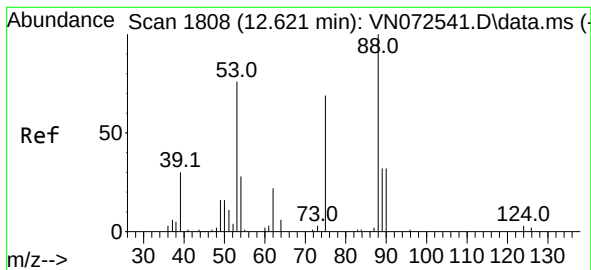
Tgt Ion: 105 Resp: 457801

Ion Ratio Lower Upper

105 100

120 47.0 24.9 74.7

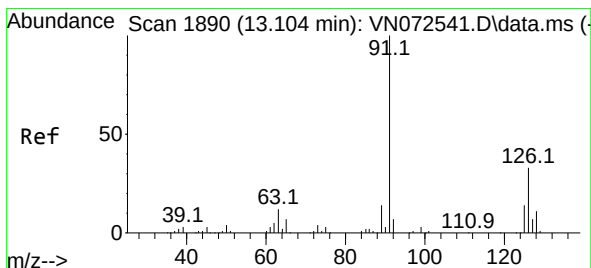
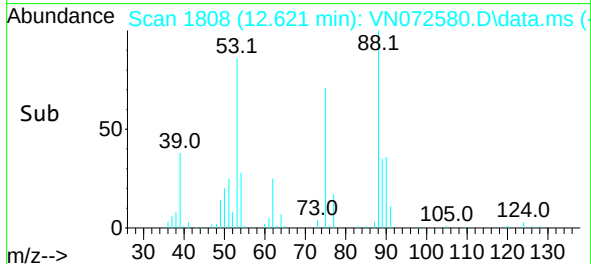
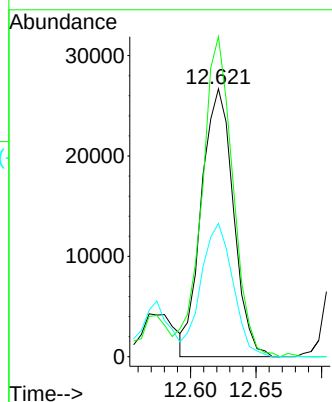
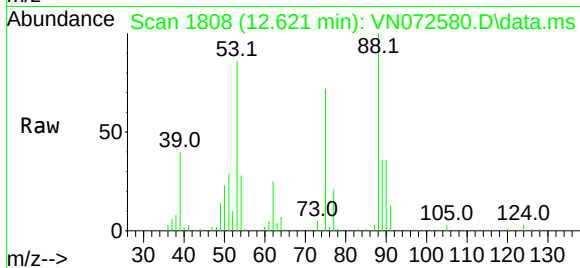




#81
trans-1,4-Dichloro-2-butene
Concen: 47.584 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

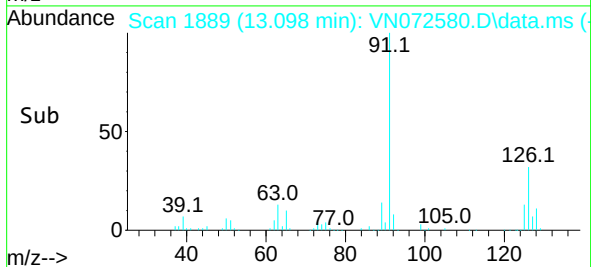
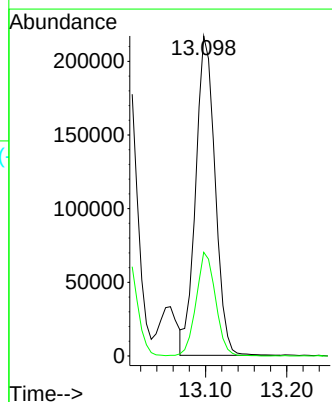
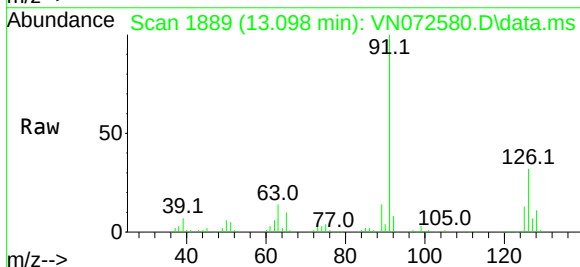
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

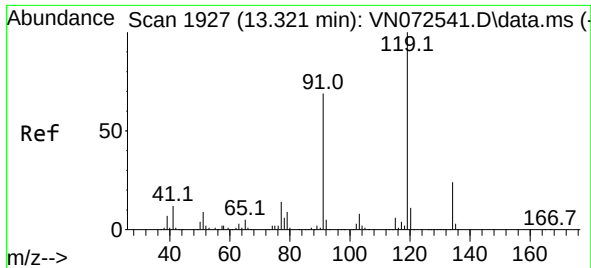
Tgt Ion: 75 Resp: 45211
Ion Ratio Lower Upper
75 100
53 115.7 78.0 117.0
89 49.9 37.2 55.8



#82
4-Chlorotoluene
Concen: 48.604 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 91 Resp: 359603
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.6

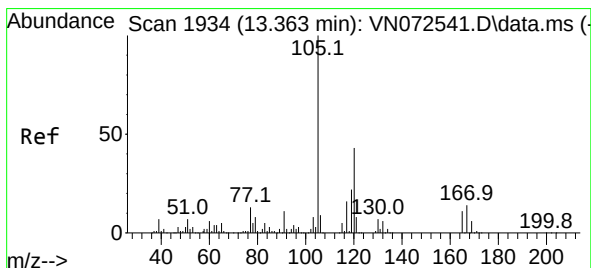
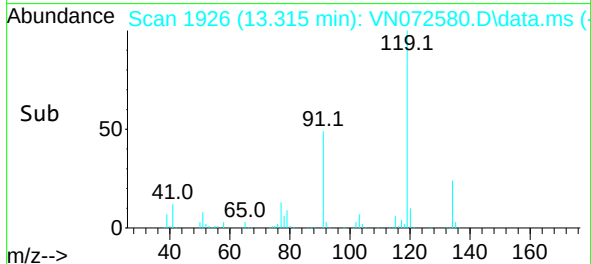
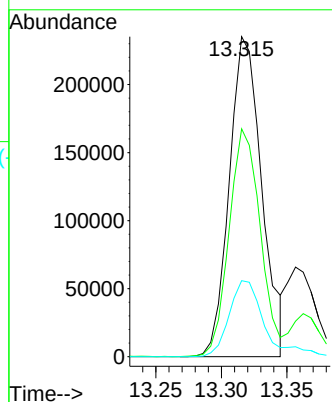
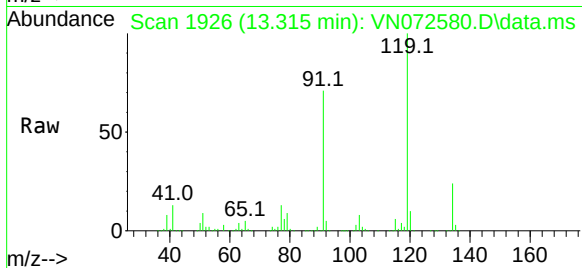




#83
 tert-Butylbenzene
 Concen: 50.876 ug/l
 RT: 13.315 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

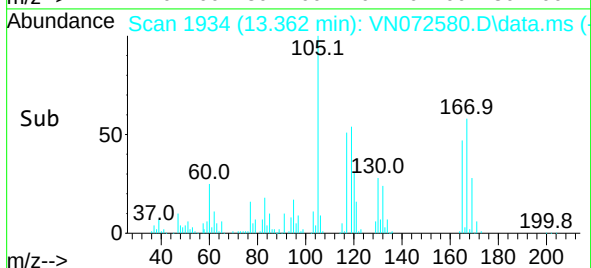
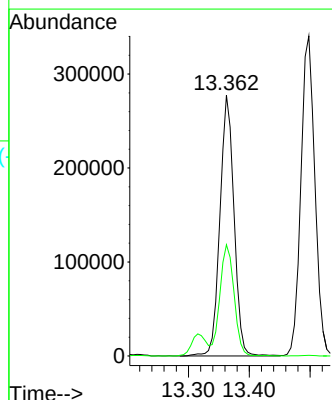
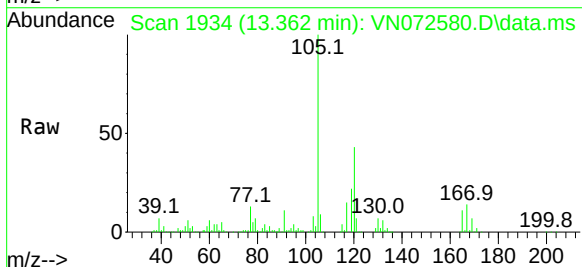
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

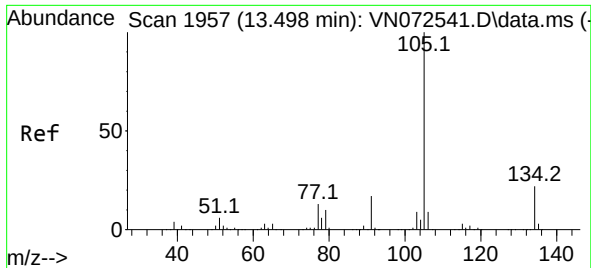
Tgt Ion:119 Resp: 406255
 Ion Ratio Lower Upper
 119 100
 91 68.2 31.6 94.8
 134 25.7 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.389 ug/l
 RT: 13.362 min Scan# 1934
 Delta R.T. -0.001 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

Tgt Ion:105 Resp: 445398
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.3 69.8

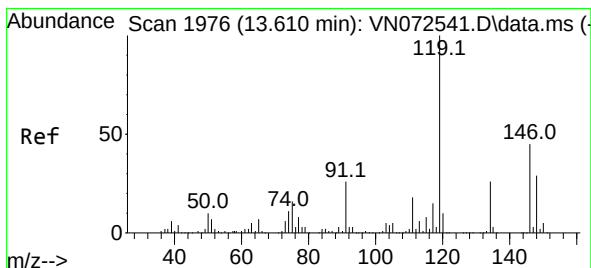
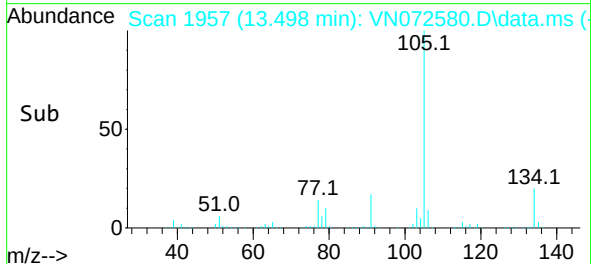
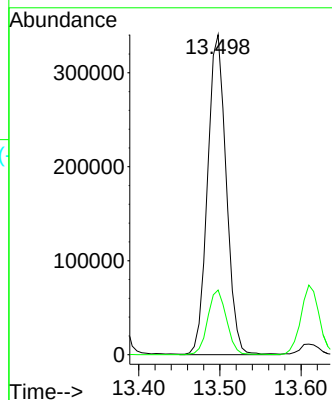
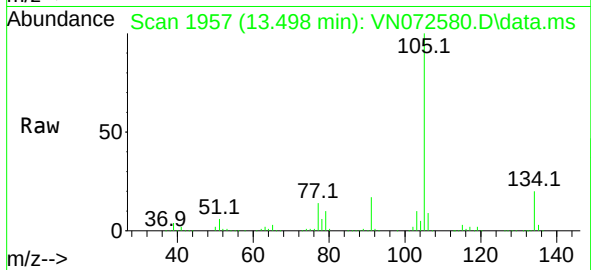




#85
 sec-Butylbenzene
 Concen: 52.434 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

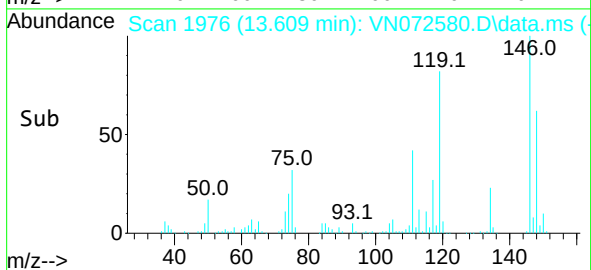
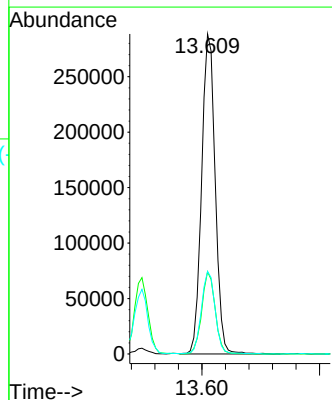
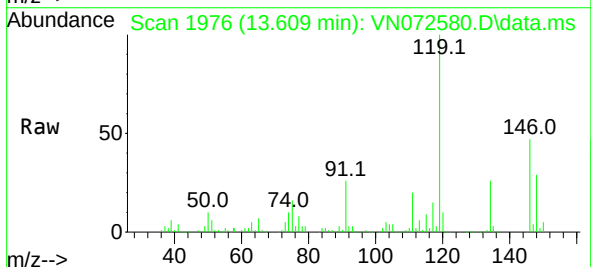
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

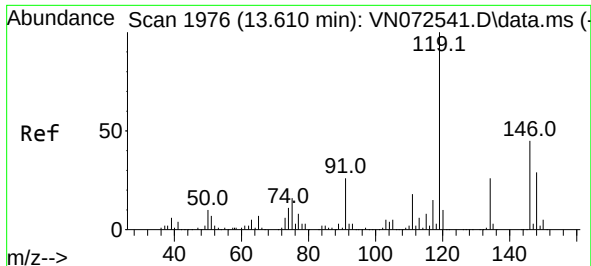
Tgt Ion:105 Resp: 543742
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.161 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072580.D
 Acq: 20 May 2022 17:03

Tgt Ion:119 Resp: 461891
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 26.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.231 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

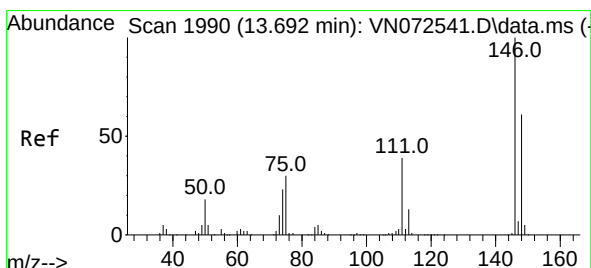
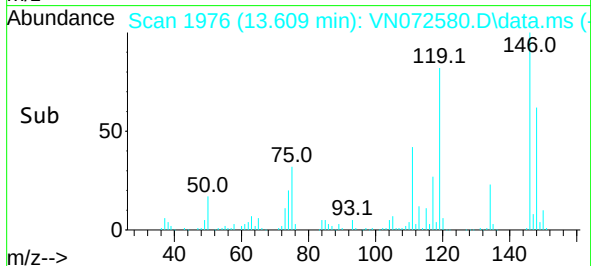
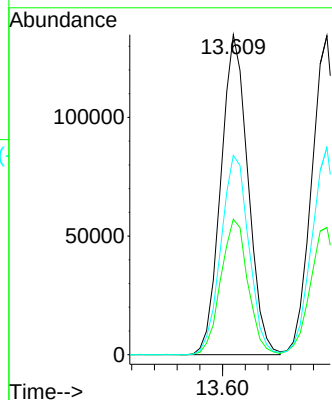
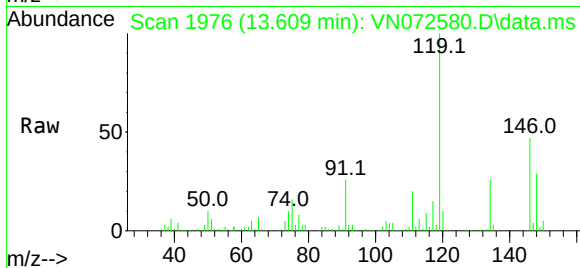
Tgt Ion:146 Resp: 223926

Ion Ratio Lower Upper

146 100

111 42.2 20.0 60.0

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.542 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

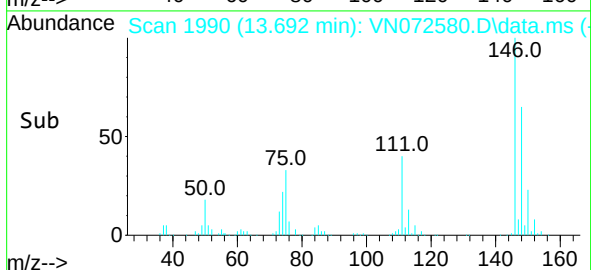
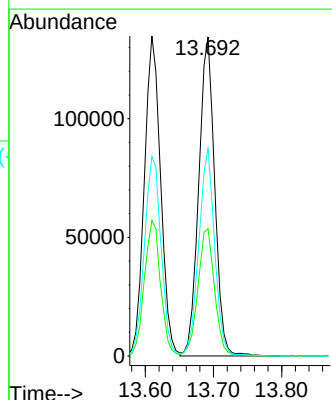
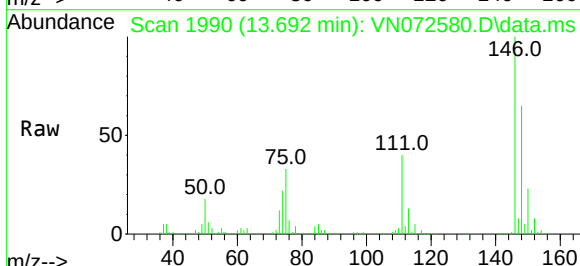
Tgt Ion:146 Resp: 219179

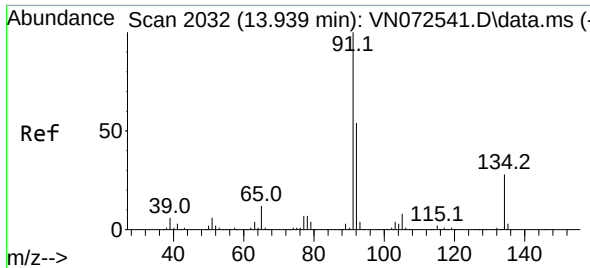
Ion Ratio Lower Upper

146 100

111 41.8 19.1 57.1

148 64.7 31.4 94.3

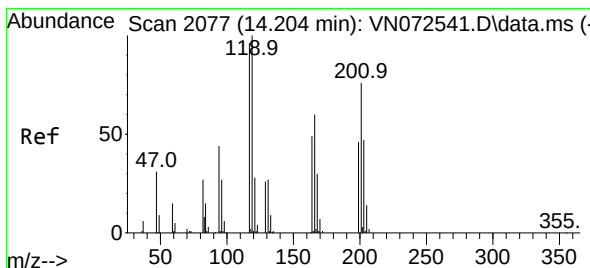
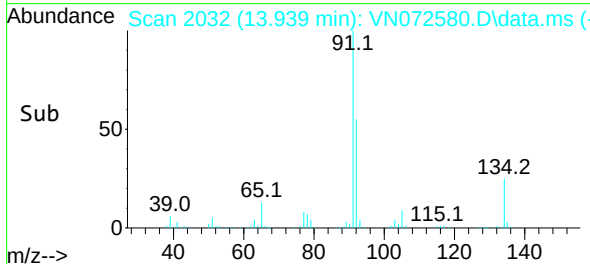
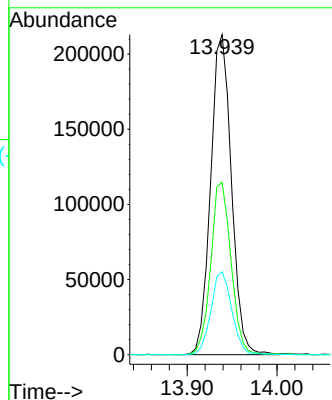
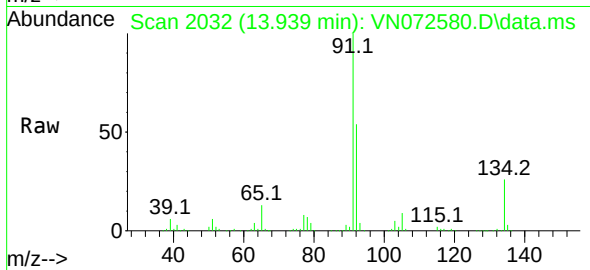




#89
n-Butylbenzene
Concen: 53.066 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

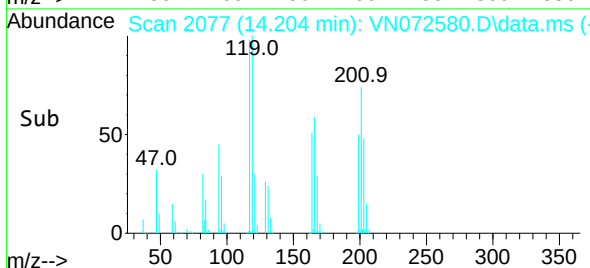
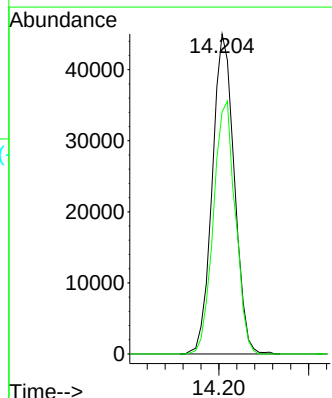
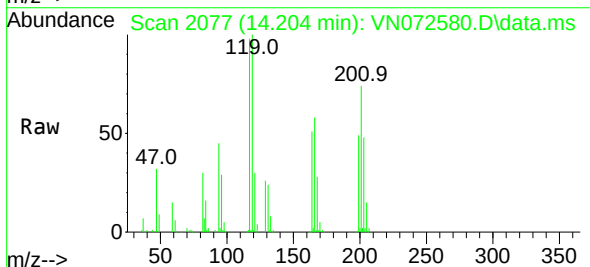
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

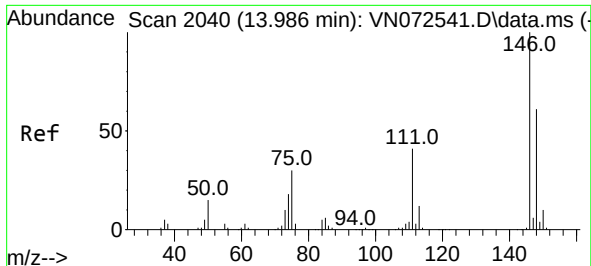
Tgt Ion: 91 Resp: 342570
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 50.255 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 117 Resp: 76677
Ion Ratio Lower Upper
117 100
201 78.4 40.6 122.0

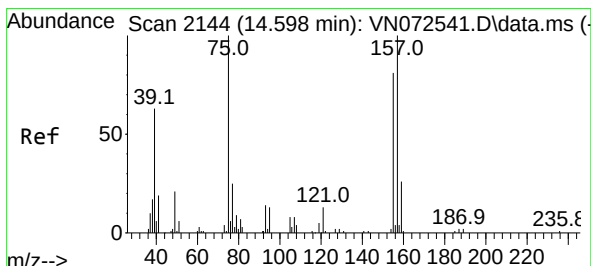
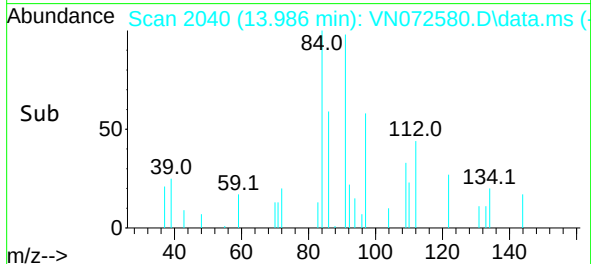
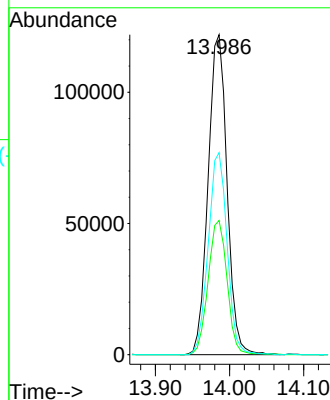
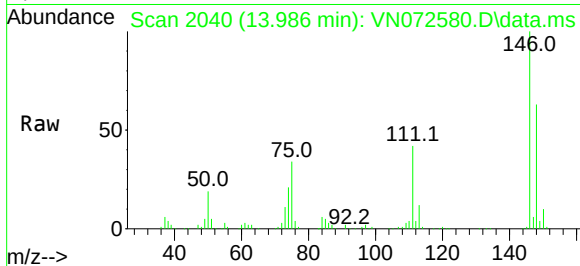




#91
1,2-Dichlorobenzene
Concen: 47.481 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

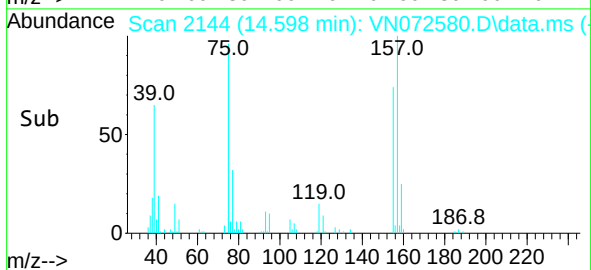
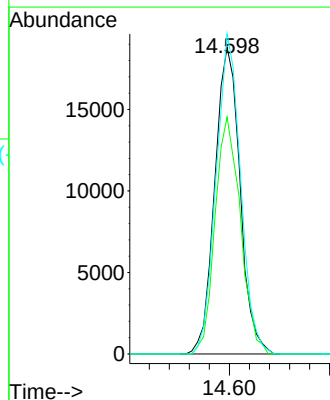
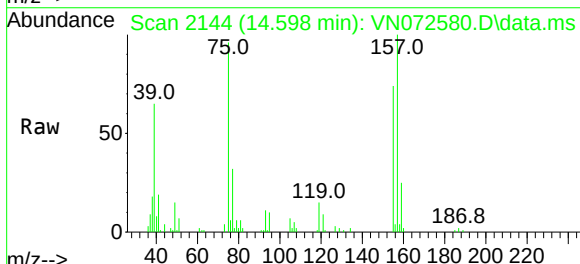
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

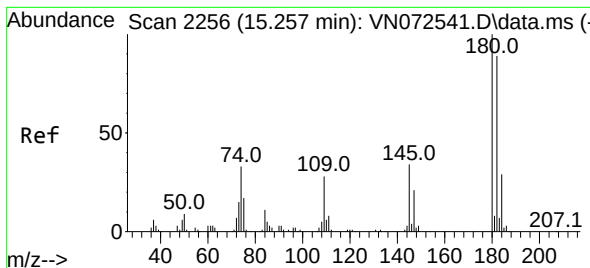
Tgt Ion:146 Resp: 216599
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.8
148 63.1 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.286 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion: 75 Resp: 32854
Ion Ratio Lower Upper
75 100
155 77.5 44.9 134.5
157 100.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 52.960 ug/l

RT: 15.256 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

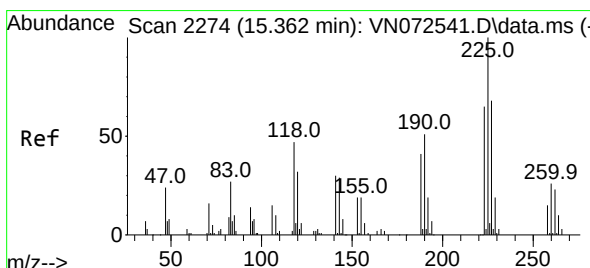
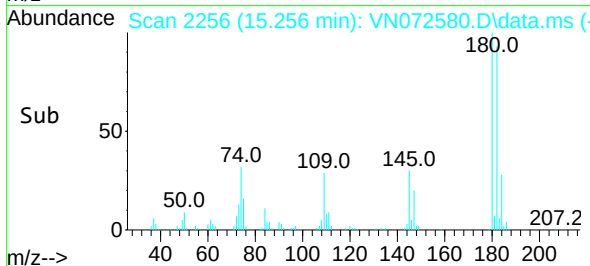
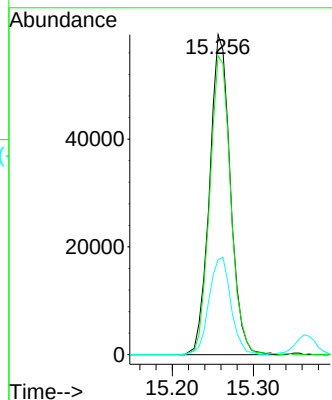
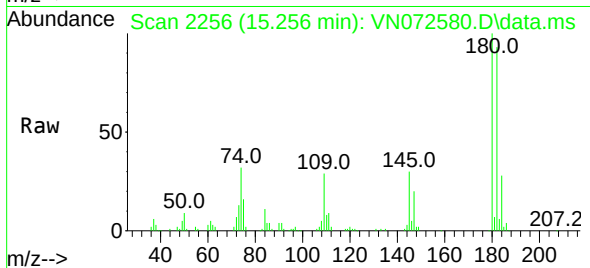
Tgt Ion:180 Resp: 105568

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 31.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.258 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072580.D

Acq: 20 May 2022 17:03

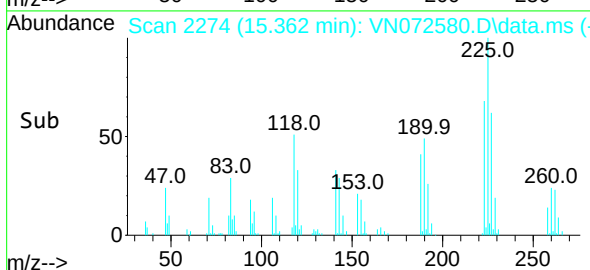
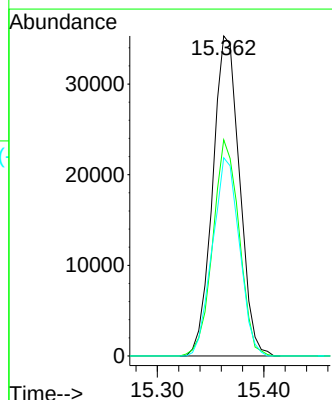
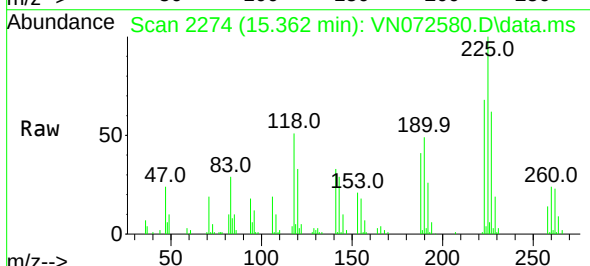
Tgt Ion:225 Resp: 61667

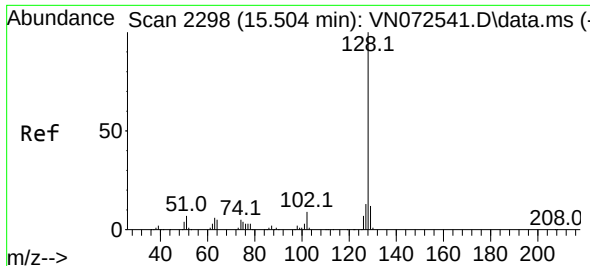
Ion Ratio Lower Upper

225 100

223 66.1 32.4 97.2

227 62.1 31.8 95.4

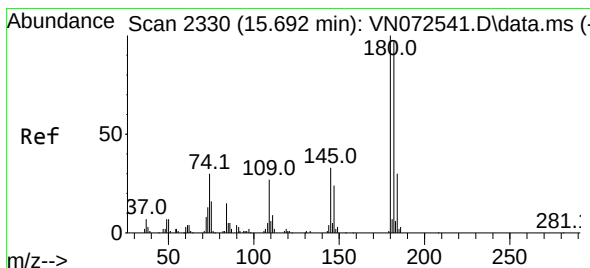
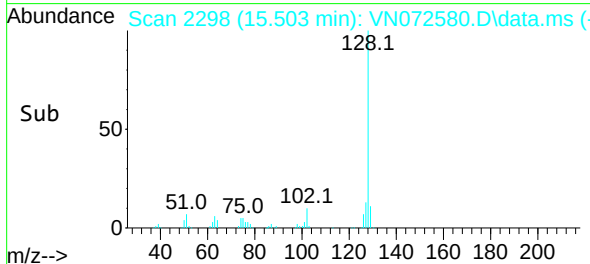
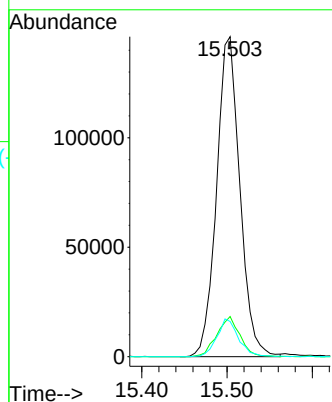
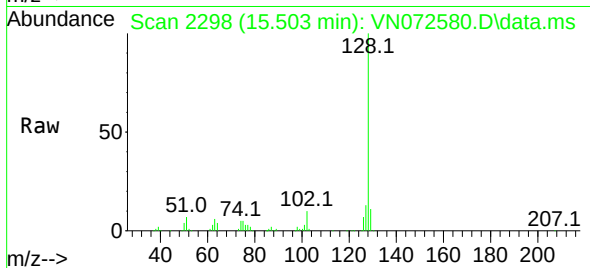




#95
Naphthalene
Concen: 48.085 ug/l
RT: 15.503 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 277751
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.711 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072580.D
Acq: 20 May 2022 17:03

Tgt Ion:180 Resp: 102207
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 35.1 15.5 46.5

